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A N N U A L N E W S L E T T E R S

DEPARTMENT OF GEOLOGY

UNIVERSITY OF ILLINOIS

URBANA

1949-1958

NEWS LETTER--1948-49

DEPARTMENT OF GEOLOGY

UNIVERSITY OF ILLINOIS

Urbana

April 15, 1949

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REPORT TO THE ALUMNI

To the Alumni of the Department of Geology:

The Department is progresaing in its post-war plans, building on the firm foundation established by Professor DeWolf (1931-46) and Professor Wanless (1946-47). The University Administration is insistent on the continued development of the department to an important place in the University and among geological organizations of the country.

Work in petrography, mineralogy and ore deposits, under the leadership of Doctor Chapman is much strengthened by the recent appointments of Doctor Hagner and Mr. Henderson, and the acquiring of much optical and X-ray equipment and a little (very little) new space. Paleontology and stratigraphy, under the leadership of Doctor Scott has been strengthened by the appointment of Doctor Kummel and the acquiring of new microscopes, cameras, collections, and some new space. Doctor Wanless' research in Pennsylvanian stratigraphy is being vigorously supported by the University Research Board. Doctor Hough, brought to UI to work primarily in petroleum geology, has also advanced the work in engineering geology so rapidly and successfully that additional assistance must be given him so he can continue graduate work with engineering students. The work in general geology has been reorganized under the leadership of Doctor Shaffer. As chairman of our Space and Equipment Committee, Doctor Shaffer has found a few more square feet of space here and there, and helped design and acquire equipment of the most modern kind.

The curriculum for undergraduate majors has been studied by a committee headed by Doctor Hagner, and for graduates by a committee headed by Doctor Chapman. Our aim has been to build major and graduate programs on a foundation of fundamental sciences and to make them more rigorous and professional in standard. At the same time the general courses for non-professionals have been given special consideration by Doctor Shaffer to remove technicalities unnecessary and even undesirable for non-majors.

Field work is taking a more important place in student training. Most students will have 12 days in the field during the spring and some much more. Doctor Hough is starting an eight-day field course to Baraboo, Wisconsin, between the end of semester II and summer school. Most advanced students will also have a summer field course at a field camp of another university, for as yet we have no summer field camp of our own.

The staff of the department is the youngest in an important university, but no staff is better trained, or more uniformly engaged in important research. Every man merits support from you as unqualified as that given by the University.

You probably know that the University of Illinois library is the sixth largest library in the world and the third largest university library in the world. The director of libraries, Doctor Downs, is vigorously supporting the building up of our already outstanding geology library to a commanding position. Doctor Kummel, as chairman of our departmental library committee, helps search the markets of the world for important items and some very significant additions of rare books and journals have been made. If in your work the library can be of service to you or your organization we will try to work out any cooperation you may wish.

Our severest problem is space. We have been assigned in the Natural History Building about four times our present space to be occupied when the new Biology Building is built. Until then we could give pointers to Mother Hubbard.

This year we have had 2300 total enrollments in geology. This semester we have 98 junior-senior majors and 48 graduate students, many of the latter working for the Ph.D. We have accepted less than half those applying to major, and probably only about half those requesting admission to graduate work. Undergraduate majors are in the upper half on the basis of all-university scholarship. Unless we see immediate relief of space problems we shall have to further restrict advanced geology enrollment. (Curiously enough, we could care for a moderate increase in elementary non-major courses.)

The employment picture is changing. The demand for Ph.D.'s is still far greater than the supply. The demand for superior masters is still great. Supply and demand for average masters are about in balance. Demand for superior bachelors is somewhat greater than supply but there is a marked falling off in demand for average bachelors. Since our junior-senior majors are from the upper half of all-university scholarship group the competition is very keen for relative standing in advanced classes.

We feel it is now unfair to allow men to major in geology who will not be "good" or "superior" upon graduation, for if lower than that their chances of admission to a first-class graduate school or their chances of satisfactory employment will be very poor. We would value your opinion on this matter, for many of you are in administrative posts and hire our graduates. We realize, as you do, that scholarship is only one factor in success - we try to pay attention to finding and developing decent manners, initiative, cooperative spirit, reliability, and especially the faculty of old fashioned hard work. (A few students have been heard to say that we stress the last too much, but I notice that at interviews you haven't been anxious to hire these characters.)

Alumni relations have been a great satisfaction and real assistance to me and to the staff. Your cooperation in completing the forms sent you was wholehearted and appreciated. If you will help us keep the records up-to-date by sending us a note or a postal card when you change address or job we can be of better service to you. We are constantly called on for suggestions, often confidential, for academic, survey, and commercial positions, for committeemen and officers for societies, and for similar places. Our counsel was sought this year on two important university department headships and for many other important places. These inquirers want the best man from any place and institution in the country. If we have complete information about UI alumni we can more effectively serve them.

You should know that Miss Nickell, secretary of the department, has compiled this news letter and the very complete "List of Alumni". I am sure you join me in appreciation of a job well done. It is characteristic of the kind of work she does on budget, catalogue, time table, and a whole mass of similar work.

It is pleasant indeed to see the growth and development of our alumni and of our brilliant young staff. The recognition by you, the alumni, of our mutual problems and of our mutual progress is an important factor in the advancement of all. Some of you have been called on for advice and counsel and I hope you will give us the benefit of even more counsel, advice, and constructive criticism in the future.

Sincerely yours,

Geo. W. White

GEOLOGY STAFF, 1948-49

Senior Staff:

Professors G. W. White (Head of the Department), C. A. Chapman, F. W. DeWolf (Emeritus), H. W. Scott, H. R. Wanless; Research Professor R. E. Grim; Visiting Professor Margaret Fuller Boos; Associate Professors A. F. Hagner, J. L. Hough, P. R. Shaffer; Assistant Professor Bernhard Kummel; Instructor D. M. Henderson.

Fellows and Scholars:

University of Illinois Scholars: J. E. Harrison, J. M. Henton; California Company Fellow R. V. Kesling; Shell Company Fellow K. J. Koenig; University of Illinois Fellow E. H. Muller (I Sem. only).

Junior Staff:

D. H. Amos, (Marietta College), II Sem.
J. C. Bandy, (Berea College), II Sem.
J. A. Brophy, (University of Illinois), I & II Sem.
H. R. Cramer, (University of Illinois), II Sem.
J. M. Decker, (University of Redlands), II Sem.
E. L. Dillon, (University of Illinois), I Sem.
H. E. Eveland, (University of Illinois), I & II Sem.
J. R. Gaebe, (University of Illinois), I Sem.
W. D. Johns, (College of Wooster), I Sem.
R. V. Littlejohn, (University of Colorado), I & II Sem.
W. A. Locker, Jr. (College of Wooster), I & II Sem.
M. H. Murray, (University of Illinois), I & II Sem.
J. J. Offenhiser, (University of Illinois), II Sem.
J. W. Penn, (Marietta College), I Sem.
R. S. Roth, (Coe College), I & II Sem.
R. H. Shaver, (University of Illinois), I & II Sem.
Ellen Shannon (University of Illinois), I & II Sem.
R. C. Sio, (Beloit College), I Sem.
H. E. Sneed, (Mississippi State College), II Sem.
D. W. Sprouse, (Marshall College), II Sem.
W. L. Taylor, (Kanaas State College), II Sem.
R. L. Threet, (University of Illinois), I & II Sem.
R. C. Weart, (Syracuse University), I & II Sem.
F. E. Williams (College of Wooster), I & II Sem.
J. S. Yolton, (Utah State College), II Sem.

Office:

Rosa M. Nickell, secretary; Mrs. Muriel B. Kratz, junior clerk-stenographer; Milton Clark, senior laboratory attendant.

[illegible]

NEW APPOINTMENTS

New senior staff members appointed since sending out our last news letter: *Ralph E. Grim*, petrographer and head of the clay resources and clay mineral technology branch of the Illinois State Geological Survey, has been appointed research professor of geology at the University of Illinois. Doctor Grim will continue his work with the State Survey but will guide research in clay mineralogy and give occasional lectures to graduate students; *Margaret Fuller Boos* haa been appointed visiting professor for the second semester, 1948-49 to teach structural geology to 97 students. Doctor Boos, formerly of the University of Denver, is a widely known consulting engineering geologist. During the war she acted as consultant for the USGS, War Production Board, and other federal agencies; *Arthur F. Hagner*, associate professor of geology, University of Wyoming, and assistant state geologist of Wyoming, haa been appointed associate professor of geology at the University of Illinois. Doctor Hagner is teaching Mineral Deposits, Mineragraphy, and a laboratory section in Optical Mineralogy. Last semeater he assisted in Geologic Maps; *Bernhard Kummel*, geologist with the Bureau of Economic Geology, University of Texas, has been appointed assistant professor of geology at the University of Illinois. He is teaching Invertebrate Paleontology and Mesozoic Stratigraphy. Last semester he assisted in Geologic Maps. He is employed by the USGS on a WAE basis as triassic stratigrapher and paleontologist attached to the phosphate project in the middle Rockies; *Donald M. Henderson*, who did his doctorate work at Harvard University has been appointed instructor in geology. He is in charge of Mineralogy and Mineralogy for Engineers.

ACTIVITIES OF STAFF

During the past summer *Carleton A. Chapman* received a research grant from the University of Illinois Research Board for continuation and extension of his field studies in the Claremont and Sunapee quadrangles of western New Hampshire. He was assisted in the field by J. H. Fisher, H. H. Murray, and R. H. Shaver, graduate students from Illinois. This coming summer he will continue this work in the field with the aid of a University research grant and will work up his report of the work during the first semester of next school year when he will be on leave of absence. His field assistants for this summer will be H. H. Murray, R. S. Roth, D. H. Amos and W. H. Smith from the University of Illinois.

Frank W. DeWolf and Mrs. DeWolf spent some time in Guatemala, visited Alaska, and various national parks in the Northwest. Later they attended the International Geological Congress in Great Britain. Members of the department have enjoyed the many Kodachrome pictures and films taken on their various trips. On April 15, 1949 they left for a tour of the Continent and Great Britain, and will return to Urbana about the middle of July. They will land first in Holland, will visit France, Switzerland, Italy, Denmark, Scotland and England. We wish them a very very pleasant journey.

Ralph E. Grim, accompanied by Mrs. Grim, attended the International Conference on Soil Mechanics in Amsterdam last June. Doctor Grim presented a paper on "Some Fundamental Factors Influencing the Properties of Soil Materials." Subsequently he visited clay research laboratories and ceramic plants in western Europe and conferred with European specialists in his field before going to London where he attended the International Geological Congress as official representative of the Illinois State Geological Survey. In addition to presenting a paper at the technical sessions of the Congress, Doctor Grim visited numerous laboratories in Great Britain.

Jack L. Hough taught half-time during the 8-week summer session last year at the University of Illinois. Later he took charge of the University of Chicago field course in geology in the Baraboo, Wisconsin, region. During the year Doctor Hough was appointed member of the Committee on Members and Papers of the Society of Economic Paleontologists and Mineralogists, a division of the AAPG. He was also appointed Chairman of the Committee on Lakes of the American Geophysical Union, to serve for two years. Doctor Hough is conducting the field course to southern Illinois during Easter vacation with 44 students. He is being assisted by Eveland, Sneed, Yolton and Threet, graduate assistants. He will conduct a one-week field course to the Baraboo, Wisconsin, region, June 12-19, for students enrolled in the summer session, 1949.

Mrs. Terence T. Quirke resides at the family home at 705 W. Oregon, Urbana. Terence, Jr., is a sophomore in the university. Mrs. Quirke will be pleased to hear from former students of Doctor Quirke. She has some pictures of the late Doctor Quirke which she will be glad to send to any of his former students upon request.

Harold W. Scott taught full-time during the 8-week summer session, 1948. The family spent some time in northern Michigan during the break between semesters. Doctor Scott attended the annual meeting of the AAPG in Denver in April 1948, and gave a paper on the distribution and relationship of the Amsden-Tensleep formations of Wyoming and Montana. He also participated in a Symposium which was held for the purpose of interpreting "dwarfed faunas". He attended the AAPG meeting in St. Louis in March, 1949 and had charge of the Urbana part of the arrangements for the Alumni luncheon which was well attended. During the second semester of next year Doctor Scott will be on leave of absence, and will make a study of the types of fossil ostracods in varioua parts of the country. He plana to visit New York, Washington, New Orleans and Houston. Mrs. Scott will accompany him.

Paul R. Shaffer, who came to the Department in September 1947, was in charge of a Symposium on "The Place of Geology and Geography in the Liberal Arts College" held at Wooster College, Wooster, Ohio, during April, 1948. This Symposium was one of two held in honor of the twenty-fifth anniversary of the appointment of Dr. Karl VerSteeg as head of the geology department. Doctor Shaffer was elected Fellow in the GSA during the year. He spent the summer as Professor of Geology and Soils at the Ohio Conservation Laboratory. Doctor Shaffer is conducting the field course to the Great Smokies during the Easter vacation thia spring with 26 students. Mr. Brophy is serving as his assistant in the course.

Harold R. Wanless gave three lectures during February, 1948 in Michigan. He spoke before the Michigan Geological Society at Lansing on "Cycles in Marine Sediments", before the Geology Department of the University of Michigan at Ann Arbor on "Graphic Methods of Representing Facies Variations" and "The Geological Column in the Vicinity of Camp Davis, Wyoming." During the Christmas holidays he, Mrs. Wanless and Hal visited several southeastern states where he made geological studies. In Alabama he examined unpublished material on coal measures geology of Alabama in the files of the Alabama State Geological Survey. Doctor Wanless, accompanied by Mrs. Wanless and Hal spent several weeks collecting detailed records of drillings in about 100 counties in the Mid-continent area during the early summer. Later he attended the International Geological Congress in Great Britain and took part in a pre-Congress excursion studying Carboniferous rocks. During the Congress sessions he presented a paper on "Rhythms in Sedimentation" and on "Late Paleozoic Cycles of Sedimentation in the United States." After the Congress he attended a two-week field excursion in southern and central Wales devoted largely to Paleozoic rocks older than the Carboniferous.

Doctor Wanless has been granted leave of absence for the second semester of this year, 1948-49, to continue his studies in western states, working in Pennsylvanian rock strata, in which he has been engaged for twenty years. Richard Boardman, a graduate student, is serving as his field assistant. Mrs. Wanless, Hal and Mrs. Boardman are accompanying them. They will be gone nearly eight months, returning just in time for the opening of school in September. They are visiting many former staff and students throughout the southwest such as Dorothy Johnson, Don Franklin, Bill Allen, Max David, and many others. While in Little Rock, Arkansas, they visited with Dr. and Mrs. Leopold Judah, formerly on the health service staff here. Doctor Judah is now on the staff of the Veteran's Administration mental hospital at Little Rock.

While at the University of New Mexico, Doctor Wanless gave a talk on Rhythmic Sedimentation before about 100 students and staff and members of the Albuquerque staff of the USGS.

George W. White, accompanied by Mrs. White, spent the summer, 1948, in Great Britain where Doctor White attended the International Geological Congress, and examined geological features in the Scottish Highlands and in the northern part of Scotland. A few days were spent in northern Ireland. Doctor White took part in the Congress excursion to examine the hydrogeology of England and Wales.

In December, Doctor White addresaed the General Assembly of Berea College on "Geological Foundations of Industry."

Doctor White attended the annual meeting of the American Institute of Mining and Metallurgical Engineers, February 12-17, 1949 in San Francisco. While there he visited geologists at the University of California including Prof. Adolph Pabst, UI '25. He spent some time at Stanford, U.C.L.A., and at California Tech., where he visited Doctor and Mrs. R. P. Sharp.

SUMMER PROGRAM, 1948

Enrollment in beginning courses was much smaller than usual, but the demand for advanced undergraduate and graduate courses was greater than could be handled by the staff available which consisted of Professors Scott, Hough, and Donald H. Chapman (visiting lecturer from University of New Hampshire), and Messrs. R. C. Honea, R. V. Kesling, and K. J. Koenig. Instruction was given in beginning geology, agricultural geology, historical geology, invertebrate paleontology and research.

SUMMER PROGRAM, 1949

Instruction will be given this summer in beginning geology, agricultural geology, historical geology, geomorphology, stratigraphy and research, under the direction of Professors Scott, Hough, Donald H. Chapman, and Messrs. R. H. Shaver, R. L. Threet and R. C. Weart. Professor Hough, as mentioned elsewhere, will conduct a field course for geology students in the Baraboo, Wisconsin, region.

DEPARTMENTAL LECTURES

We were fortunate to have several lecturers address our geology students and staff during the year sponsored by the department and the State Geological Survey as follows: Dr. Raymond C. Moore of the University of Kansas on "Problems of Sedimentary Facies"; Dr. Everette DeGolyer of Dallas, Texas "Prospecting for Petroleum"; Dr. Marland P. Billings of Harvard University "Orogeny in the Appalachian Highlands of New England"; Dr. Hugh D. Miser with the USGS "Quartz Crystals and Quartz Veins in Arkansas", and a seminar on "Geology and Geologists, 1908 to 1948"; Dr. Gordon Rittenhouse of the University of Cincinnati "Interpretative Petrology of Sedimentary Rocks", also a seminar on "Sediments and Floods"; Mr. Gerald FitzGerald USGS "Modern Mapping Methods"; Dr. Hans Cloos of the University of Bonn "Granitization and Structural Behavior of Igneous Rocks"; Dr. J. M. Harrison of the Geological Survey of Canada "Structural Geology in the Canadian Shield Revealed by Air Photographs"; Dr. Tom F. W. Barth of the University of Chicago "The Feldspar Mixed Crystals and Rock Formation"; Dr. Horace D. Thomas of the University of Wyoming "Regional Stratigraphy and Structure of Wyoming." Dr. Francis P. Shepard formerly of the U. of I. Department of Geology staff, 1922-45, now of the Scripps Institution of Oceanography will speak here sometime in May on "Sediment Patterns on the Asiatic Continental Shelves."

NATIONAL AND REGIONAL MEETINGS

The December meetings of the American Association for the Advancement of Science held in 1947 in Chicago were attended by Doctors Chapman, Hough, Shaffer, Scott and White. Doctor White was secretary of the geology section.

Doctors Chapman and White, accompanied by Mrs. Chapman and Mrs. White, attended the GSA meetings in Ottawa after Christmas, 1947. Doctor Chapman gave a paper on a part of his studies in structure of granite in western New Hampshire.

During the summer 1948 Doctor and Mrs. White, Professor and Mrs. DeWolf, Doctor and Mrs. Grim, and Doctor Wanless attended the International Geological Congress in Great Britain and took part in various excursions as mentioned elsewhere in this letter.

Those of the staff who attended the GSA meetings in the fall of '48 in New York were Chapman, Hough, Kummel, Shaffer, Wanless, White and Robert V. Kesling. Doctor Wanless gave a paper on "Isopach Studies of the Pennsylvanian of Eastern and Central United States." Doctor Hough reported on "Pleistocene Deposits of the Ross Sea and Southeastern Pacific Ocean." Mr. Kesling gave a paper on "Molt Stages and Morphology of the Ostracoda."

The Tri-State Field Conference was held in northeastern Iowa last fall. It was attended by Doctor White and Mr. Henderson from the department.

Several of our staff and students attended the AAPG meeting in St. Louis last month where they attended the Illinois alumni luncheon. (See following story.)

PETROLEUM ALUMNI LUNCHEON

The University of Illinois alumni luncheon was held on March 15, 1949 at the Jefferson Hotel, St. Louis during the AAPG meetings. Dr. George V. Cohee ('31, '32, '37), USGS, organized the luncheon and served as toastmaster. The campus details were under the charge of Dr. Harold W. Scott ('29 - '31). Forty-seven alumni, former and present staff members attended. Five staff members, Professors DeWolf, Hough, Kummel, Scott and White being members of the AAPG were in attendance at the meeting. In order that petroleum alumni could also meet some of the non-AAPG staff members, Doctors C. A. Chapman and A. F. Hagner flew to St. Louis for the luncheon in a University plane.

Toastmaster Cohee introduced Doctor Scott who told about current university activities and introduced Doctor White who told of recent departmental developments and introduced the staff members present. Professor DeWolf, as the one present who had the longest contact with the most alumni, was called upon for remarks. Doctor M. M. Leighton, Chief of the Illinois Geological Survey and a member of the departmental staff from 1919-23, told of the cooperation between the geological organizations in Urbana and made pleasant predictions for the further rapid development of Urbana as a very important geological center.

Doctor Cohee took several pictures with his new camera which turned out well. The U. of I. Alumni Office was greatly intereated in our geology alumni meeting. Watch the Alumni News for atory and pictures.

THE CYCLOTHEM CLUB

The officers of the Cyclothem Club for the school year 1948-49 are as follows: Karl J. Koenig, President; Richard Golden, Vice-president; Jean Geisler, Secretary-Treasurer; Beverly Solliday, Corresponding Secretary; Harmon E. Eveland, Chairman of Social Events; Robert Kesling, Program Chairman, and Dr. Paul R. Shaffer, Faculty advisor.

As is the usual procedure, the Club held its annual fall picnic this past semester and it seems the touch-football games get rougher all the time. In spite of a few minor injuries, the entire affair was acclaimed a success. Everyone is now looking forward to the spring banquet which will be held May 3.

The attendance at the regular meetings this past semester has shown that the club members are taking a very active part in the true purposes of the organization. A partial list of the speakers and their topics is as follows: Professor H. J. Van Cleave spoke on "Relative Size, and its Relationships"; Professor Wanless related his experiences at the recent International Geological Congress meetings in England; then following the GSA meetings at New York, the Club held several little GSA meetings during which Professors Jack Hough and H. R. Wanless, and Mr. Robert Kesling presented the papers they gave at the New York meetings. At a later meeting of the club Drs. M. M. Leighton and H. B. Willman, of the Illinois Geological Survey, presented a paper on "Late Cenozoic History of Southern Illinois."

VISITORS

Among former students and staff who stopped at the office to see us during the year were: Allen F. Agnew, and wife; Oliver W. Beimfohr; Gerry Bowers; John A. Culbertson; Lucinda Firebaugh Cummins, James Everitt; Max Firebaugh; Nancy Girhard; Lloyd A. Harris; David J. Kull; James E. Lewark; Ann Livesay; Wm. F. Prescher; Betty Pretzer; Herbert Sorkin and wife; Charles H. Summerson; George E. Taylor; Howard Vactor; Lindell H. VanDyke; Beulah Waggoner; Virgil D. Winkler. Sorry if any have been omitted.

MARRIAGES REPORTED

Lucinda Firebaugh to James N. Cummins, August 8, 1948

Donald Foote to Francie Speirs, September 18, 1948

Lois Schulz to Donald G. Herring, Jr., October 30, 1948

Helen Storm to D. C. Bowman, August 3, 1948

Norma Wallis to Fred M. Stemler, August 28, 1948

BIRTHS REPORTED

ALLEN BRUCE AGNEW, born September 9, 1948, son of Mr. and Mrs. Allen Agnew

MARGARET ANN ALLEN, born February 23, 1949, daughter of Mr. and Mrs. William H. Allen

STEVEN CARL BARKLEY, born October 27, 1948, son of Mr. and Mrs. Carlos J. Barkley

JOHN REED CLAY, born January 1, 1948, son of Mr. and Mrs. John Clay

A daughter, born in the fall of 1948 to Mr. and Mrs. James C. Condon

SUSAN HOLLY ENGLE, born November 6, 1948, daughter of Mr. and Mrs. R. G. Engle (Lysbeth Fisher)

DONALD M. HENDERSON, JR., born April 14, 1949, son of Mr. and Mrs. Donald M. Henderson

A son, born April 25, 1948 to Mr. and Mrs. J. C. Lawless (Dorothy Rasmussen)

LEE ANN LOCKER, born January 8, 1949, daughter of Mr. and Mrs. Walter A. Locker, Jr.

ROBERT JOHN SCOTT, born April 12, 1948, son of Dr. and Mrs. Harold W. Scott

JAMES LAMONT SEWELL, born December 7, 1948, son of Mr. and Mrs. James Sewell (Janet Hoover)

JO ANN LEE SHAVER, born August 18, 1948, daughter of Mr. and Mrs. Robert H. Shaver

ANNE B. SIMPSON, born October 21, 1948, daughter of Mr. and Mrs. Ed. Simpson

ELLERY STUART SORKIN, born September 24, 1948, son of Mr. and Mrs. Herbert Sorkin

A daughter born in 1948 to Mr. and Mrs. Gordon M. Sowers

GRADUATES OF THE UNIVERSITY OF ILLINOIS, DEPARTMENT OF GEOLOGY

Listed Under Highest UI Degree

	AB or BS	*MA or MS*	*Ph.D.*
Petroleum Geology	74	57	10
Economic Geology (other than petroleum)	13	10	5
U.S. Geological Survey	5	9	3
U.S. Bureau of Mines, etc	1	2	0
Canadian Geological Survey	0	0	1
State Geological Surveys (other than Illinois)	0	5	0
Illinois State Geological Survey	8	10	4
University and College Teaching	5	10	9
Armed Services	5	1	0
Museum Work	2	2	0
Graduate School (University of Illinois)	19	5	0
Graduate School (other than Illinois)	16	5	0
Non-geology, men	28	2	0
Non-geology, women	38	1	0
No record	68	0	0
Total (no duplication)	282	119	32
Bachelors who later earned master's degrees at University of Illinois (field listed under highest degree)	76	0	0
Masters who later earned Ph.D. at University of Illinois	0	19	0
Total degrees	358	138	32

* * * * * * * * * * *

Many bachelors and masters listed under "fields" later earned higher degrees from other universities.

ADDRESSES NEEDED

CALLAHAN, Mrs. Edward J. (Jean McGinnis), AB '40

DENNIS, Mrs. T. C. (Thelma Ruth Crackell), ('21)

EAGLE, Richard A., AB '42

ELLIS, Arthur J., AB '08, AM '11

FOSTER, George F. ('24)

FOX, Ernest F., ('26)

GEIGER, Mary B., ('19)

HEILKAMP, George W., (AB '12, Wisc.); AM '14

HOFFMAN, Carlyle K., AB '41

HSU, Tsung Han, AB '14; AM '15

JOHNSON, Arthur A., AB '42

MOORE, Glendon, AB '41

PEGLER, Dewey ('37-41)

REID, Courtland T., BS '40

SCHROTH, Eugene H., BS '27; MS '36

VON SCHLICHTEN, Carl, graduate student, ('18-19)

LIST OF ALUMNI

(Please notify us of additions or corrections)

ABBOTT, Mrs. Kenneth M., (Helen Oldfather), BS '27: Classics Department, Ohio State University, Columbus, Ohio.

AGNEW, Allen F., AB '40; MS '42; (Ph.D. '48, Stanford): Assistant professor of geology, University of Alabama, Box 2005, University, Alabama.

ALEXANDER, Joe W., BS '41; MS '42: Geologist, Cities Service Oil Company. 111 E. 8th Street, Bartlesville, Oklahoma.

ALLEN, William H., AB '36; MS '37: c/o Shell Oil Company of Canada, Ltd., Maerov Building, 536 Eighth Avenue West, Calgary, Alberta, Canada.

ALLYN, Portia (See Mrs. Geo. E. Smith).

ALTROGGE, Julian J., AB '49: Graduate student, University of Illinois, 107 W. Springfield, Champaign, Illinois.

AMES, John A., (BS '41, University of Denver); graduate student '46-47: Assistant Engineer-Geologist, The Baltimore and Ohio Railroad. Pines-On-Severn, Arnold, Maryland.

ANDERSON, Gerald K., BS '49: Home address: 120 Stratford, Des Plaines, Illinois.

ANDRON, Mrs. Mortimer (Bettie Teetor), BS '42: Housewife. 3009 Lomita Road, Santa Barbara, California.

BACK, William, AB '48: Graduate student at University of Colorado. 1125 10th Street, Boulder, Colorado.

BARKLEY, Carlos J., BS '48: Shell Oil Company. 1214 E. Lafayette, Winnfield, Louisiana.

BARNARD, Evan G., BS '44: 308 E. Cherry, Normal, Illinois.

BARNES, Mary E., (BS '42, University of Kentucky); MS '48: Illinois State Geological Survey. 808 S. Fifth Street, Champaign, Illinois.

BARNES, Lt. Richard O., ('42) 205 N. University, Normal, Illinois. (Was scheduled to return from Hawaii in February).

BARRETT, Darwin S., BS '48: Graduate student at University of Illinois Dental School. 712 South Ashland, Chicago 12, Illinois.

BARRETT, John F., (BS '34, Beloit); MS '35: 721 Northwest 14th Court, Miami 35, Florida.

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NEWS LETTER -- 1949-50

DEPARTMENT OF GEOLOGY

UNIVERSITY OF ILLINOIS

Urbana

April 15, 1950

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REPORT TO THE ALUMNI

To the Alumni of the Department of Geology:

It is my pleasant privilege to write a ''foreword'' to the 1949-50 News Letter.

The postwar plans of the department are progressing thru the united efforts of the staff and the firm support of the University administration.

Pressure for admission to the undergraduate major program and to graduate work continues. For the second semester of this year special requirements for graduate students in geology were approved, and starting next fall still higher requirements have been set. It is interesting to note that our graduate students this year came from 39 colleges and universities and from 18 states, Canada and Australia.

Advances during the year were in several directions: The X-ray laboratory is now in operation, the work in mineralogy is being modernized thru the atomic structural approach, work in paleontology and stratigraphy is being revised and strengthened, the sedimentation laboratory has been rebuilt, plans are completed for clay mineralogy laboratories, and a summer field station in Colorado will be in operation this summer. Staff research, generously supported by the University Research Board on an individual basis the past several years, is now being given added support on a departmental basis.

The easy and eager employment of the war years and until early 1949 has disappeared on the lower levels. The demand for Ph.D.'s is still greater than the supply. The demand for masters is about equal to the supply, but jobs for bachelors are scarce and to find them requires real individual effort. The time is now past when a bachelor's degree is sufficient for professional work in geology. Undergraduate work must now only be regarded as preprofessional preparation for professional training on the graduate level.

The real and generous support of the alumni of the department is recognized and appreciated by all the staff, especially as so many of us were not teachers here when you were students. Your suggestions, advice, and counsel are of great interest and value to us.

This year the Administration has approved advancement of Miss Nickell from secretary to chief clerk of the department because of the truly magnificent way in which she has managed the work of the office and performed services far beyond the usual secretarial duties. Miss Nickell has prepared this news letter and the credit for it belongs entirely to her.

Sincerely yours,

Geo. W. White

GEOLOGY STAFF, 1949-50

Senior Staff:

G. W. White, professor and head of the department
F. W. DeWolf (Emeritus)
R. E. Grim, research professor
C. A. Chapman, professor
H. W. Scott, professor
H. R. Wanless, professor
A. F. Hagner, associate professor
J. L. Hough, associate professor
Bernhard Kummel, associate professor
P. R. Shaffer, associate professor
Christoffer Oftedahl, visiting assistant professor
D. M. Henderson, instructor

Fellows:

H. E. Eveland, University of Illinois
J. E. Harrison, University of Illinois
J. W. Pierce, University of Illinois
J. W. Shelton, University of Illinois
P. J. Lane, California Company
H. H. Murray, Illinois Clay Products Company
R. S. Roth, National Lead Company
R. C. Weart, Shell Company

Junior Staff:

D. H. Amos (BS '49 Marietta College)
H. W. Arms (AB '49 Berea College)
J. C. Bandy (AB '49 Berea College)
C. A. Barton (BS '49 Millsaps College)
J. M. Decker (AB '49 University of Redlands)
J. C. Ferm (BS '46, MS '48 Penn. State College)
J. D. Foster (BS '49 Missouri School of Mines)
E. E. Glick (BS '49 University of Southern California
E. E. Hansel (AB '49 Marietta College)
M. L. Kidda (BS '49 Millsaps College)
W. A. Locker, Jr. (BS '48 College of Wooster)
R. F. McAllister (BS '50 Cornell University)
P. U. Martin (AB '49 College of Wooster)
Mrs. Jacqueline Patterson (AB '48 Cornell College)
Mrs. Elizabeth Pretzer Rall (BS '43 Brown University; MS '46 Columbia University)
Donelson Robertson (BS '49, Centenary College)
R. B. Scott (BS '49 University of Redlands)
R. H. Shaver (BS '47, MS '49, University of Illinois)
Maxwell Silverman (BS '49 Colorado School of Mines)
W. H. Smith (BS '49 University of Illinois)
H. E. Sneed (BS '49 Mississippi State College)
D. W. Sprouse (BS '49 Marshall College)
E. W. Tooker (BS '47 Bates College; MS '49 Lehigh University)
F. E. Williams (AB '41 College of Wooster)

Office:

Rosa M. Nickell, chief clerk
Mrs. Muriel B. Kratz, junior clerk-stenographer
Milton Clark, senior laboratory attendant

NEW APPOINTMENTS

We are very happy to announce that Ralph E. Grim, petrographer and head of the clay resources and clay mineral technology branch of the Illinois State Geological Survey, who has also been research professor of geology, has been appointed as full-time research professor of geology to become effective September 1, 1950. Doctor Grim is now directing research of several of our graduate students, and he will teach two new courses at the graduate level starting in September, namely, ''Clay Mineralogy'' and ''Seminar in Clay Mineralogy''. Arrangements for office and laboratory for this work have been made and remodeling of the north end of the Natural History Building will soon be started for his quarters.

Dr. Christoffer Oftedahl, visiting assistant professor from Oslo, Norway, arrived in Urbana in January to start his teaching duties at the beginning of the second semester. He is in charge of structural geology. During the summer he will accompany Doctor Hough on his 2-week field course at Paraboo, Wisconsin, and will visit other parts of the country to study geologic features in America. Dr. and Mrs. Oftedahl and two children are living in Stadium Terrace. Their apartment was completely furnished by loans from the women of the department, the Geological Survey, and other interested people. They were happy to find their apartment ready to live in upon their arrival in Urbana. Doctor Oftedahl will remain with us at least until January 1951.

Mr. William M. Merrill who will receive his Ph.D. from Ohio State University in June will join our staff next fall. He will assist Doctor Shaffer in elementary geology courses, and will take over the supervision of the elementary laboratory sections. He will assist Doctor Wanless in the field course in Colorado this summer, and possibly other field courses in the future. Mr. Merrill is married and they have two children.

ACTIVITIES OF THE STAFF

Carleton A. Chapman, who is in charge of courses in petrography, was on leave of absence during the first semester, and spent the summer and early fall in continuation and extension of his field studies in the Claremont and Sunapee quadrangles of weatern New Hampshire. The major problems in this study in addition to those concerning the igneous and metamorphic rocks of New England, dealt with the structural and stratigraphic relations between the geology of New Hampshire and Vermont. He returned to the Urbana campus in November and spent the remainder of the semester in laboratory work and writing. Important publications will soon appear.

Professor and Mrs. Frank W. DeWolf spent sixteen weeks last summer touring the Continent and Great Britain. The winter was spent at their home in Urbana. They have recently returned from a vacation in the South. They went to Cincinnati, Ohio, where they boarded the Delta Queen for a river cruise. Three days were spent at Natchez, Mississippi, where they visited many lovely homes and gardens. Although the azaleas were gone, there was plenty of beauty, the dogwoods and redwoods being in full bloom. They returned to their home by car, having taken it with them on the river cruise.

Ralph E. Grim, head of the division of clay resources, Illinois State Geological Survey, has recently been appointed to full time on the geology staff. He will direct the research of graduate students in clay mineralogy as well as give two formal graduate courses in that field.

Doctor Grim will serve as vice-chairman of the Section of Clay Minerals for the Fourth International Congress of Soil Science which will be held in Amsterdam, Holland in July. As you know, he is well-known internationally for his research on clay minerals and on the use of clay minerals in ceramics, soil mechanics, the petroleum industry and other industries.

Arthur F. Hagner, who is in charge of courses in mineral deposits, continued his petrologic and economic studies in Wyoming for the U. S. Geological Survey and the Wyoming Survey last summer. They have recently purchased a new home in Champaign.

Donald M. Henderson, who teaches mineralogy, worked all of last summer in the Crawford Notch region of New Hampshire.

Jack L. Hough, who is in charge of courses in engineering geology and sedimentary petrology, spent the summer in laboratory and field studies. He conducted an 8-day field course for geology students in the Baraboo, Wisconsin region last June. The course will be given again this summer, after the regular summer session, for a period of two weeks.

Doctor Hough attended the Tri-State Field Conference which was held in the LaSalle, Illinois area in October 1949.

Doctor Hough has been appointed editor of the ''Journal of Sedimentary Petrology'' and has received much favorable national comment on his enlargement of the journal.

Bernhard Kummel, who teaches courses in paleontology and stratigraphy, continued his work on Triassic stratigraphy for the USGS and spent the entire summer in the northern Rocky Mountain region. He was assisted in the field by one of our recent graduates, Allen Gutstadt.

Between semesters Doctor Kummel lectured at Harvard university geological conference on ''Evolution of the Nautiloids'' and ''The Geology of Eastern Peru''. While in the east he atudied type specimens in the U. S. National Museum in Washington and in the American Museum of Natural History in New York. He also did research on some species of fossil cephalopods on which he is preparing a monograph for the USGS.

Doctor Kummel attended the Tri-State Field Conference which was held in the LaSalle, Illinois area October 29-30, 1949.

Harold W. Scott, who is in charge of courses in micropaleontology and stratigraphy, is on leave of absence this semester. He is continuing his ostracod researches. He and Mrs. Scott recently returned from a trip to Mexico City.

Doctor Scott will visit New York and Washington this spring to study genotypes of ostracodes. He will also attend the AAPG meetings in Chicago, April 24-28, 1950.

Paul R. Shaffer, supervisor of elementary courses, worked on glacial deposits of northwestern Illinois during the summer for the Illinois Geological Survey. He attended the annual meeting of the Geological Society of America in El Paso, Texas in November, and presented a paper on a newly discovered extension of the Laboradorian ice sheet in northwestern Illinois and Iowa which is a result of recent studies he made with Dr. M. M. Leighton, chief, Illinois Geological Survey.

Doctor Shaffer attended the field conference on the Late Cenozoic Geology of the Mississippi River Valley from southeastern Iowa to Central Louisiana, June 12-25, 1949, under the auspices of the State Geologists of Arkansas, Illinois, Iowa, Kentucky, Louisiana, Mississippi, Missouri, and Tennessee.

Doctor Shaffer was elected vice-president of the Association of Geology Teachers. The election was announced at the Association meetings which he attended in Chicago April 22 and 23, 1949. The meeting of the Association will be on the Illinois campus this year on April 14 and 15.

Harold R. Wanless, who teaches courses in sedimentation, dynamic geology, and field geology returned to teaching the first semester after spending the second semester of last year and the summer on sabbatical leave continuing his studies of the Pennsylvanian. He traveled over 22,000 miles and did field work in 8 southwestern and western states. His field assistant was Richard Boardman, graduate student and candidate for the Ph.D. Doctor Wanless has been studying the Pennsylvanian period for 20 years and has collected much available data in the East and Middle West. In addition to detailed notes on the extent of the Pennsylvanian strata, he sent back 27 boxes of samples which will be processed and studied in greater detail in the laboratory.

Between semesters Doctor Wanless took part in a field conference near Paintsville, Kentucky, on coal correlation problems, at the invitation of the Kentucky Geological Survey.

Last spring Doctor Wanless was presented letters and greetings from 153 of his former students in geology in honor of his twenty-fifth anniversary as a member of the department of geology at the University of Illinois. A purse was presented at the same time. The project was organized by Dr. George V. Cohee, Ph.D. '37. He received letters of appreciation from students ranging from sophomores when he first came to the department to recent graduates, who are scattered all over the world, including Alaska, Venezuela and Eniwetok Atoll in the Pacific, which show the high esteem his former students and friends have for him.

Doctor Wanless spoke on ''A Geologist's View of Southwestern United States'' at a monthly meeting of Sigma Xi in December, 1949. In October he spoke to the Zoology Seminar on the origin of the earth and methods of measuring geologic time.

George W. White, who teaches physical geology, geomprphology, and history of geology, spent last summer studying glacial geology of northeastern Ohio for the U. S. Geological Survey.

The Geological Survey of Ohio has recently published Bulletin 47 ''Geology of Holmes County, Ohio by Doctor White. This is a 363-page volume which contains numerous illustrations and maps, one of which is a large map showing the formations in separate colors and the outcrops of important economic strata. This work was completed after Doctor White came to Illinois in 1947.

Last June Doctor White received the honorary degree of D.Sc. from Otterbein College. He received his AB degree from Otterbein in 1921.

In June he attended the Field Conference on the Late Cenozoic Geology of Mississippi River Valley from southeastern Iowa to Central Louisiana, under the auspices of the State Geologists of Arkansas, Illinois, Iowa, Kentucky, Louisiana, Mississippi, Missouri, and Tennessee. He attended the annual meeting of the Geological Society of America in El Paso in November.

In January 1950 Doctor White appeared on the radio program ''Wings Over Illinois'' sponsored by the Institute of Aviation where he discussed the advantages of studying geology from the air. Each semester his geomorphology students enjoy seeing regional geology from the air.

DEPARTMENTAL LECTURES

Our first lecturer last fall was Dr. Stevenson Buchan, head of the water division, Geological Survey of Great Britain under the auspices of the geology department. He lectured in the afternoon of September 23 on ''Geologic Factors of Water Supply of England and Wales'' and that evening on ''Geological History of Great Britain''. Born in Scotland, Doctor Buchan has a bachelor of arts degree with first class honors and a doctor of philosophy degree from the University of Aberdeen. His entire professional career has been in the British Geological Survey. He came to the U. S. in August as a representative of Great Britain at the U. S. conference of Natural Resources and Conservation. He was the leader of International Congress geological excursion in Great Britain in 1948 which studied hydrogeology of England and Wales. Doctor White was a member of that excursion.

On October 20, Dr. C. W. Tomlinson, president of the American Association of Petroleum Geologists, gave two lectures under sponsorship of the State Geological Survey. He spoke on ''Pennsylvanian Paleogeography of Southern Oklahoma'' and ''Lost Reserves of Oil'' the latter dealing particularly with the question of proper well-spacing. Doctor Tomlinson, a graduate of the Universities of Wisconsin and Chicago, has been professionally active in petroleum geology since 1918. Doctor Tomlinson is an outstanding student of the origin of redbeds and of the petroleum geology and orogeny of the Mid-continent Region. He was on the teaching staff of the department at Illinois in 1917-18.

On October 19, Dr. J. Hoover Mackin, of the University of Washington and USGS, spoke on ''Origin of Mineralizing Emanations in the Iron Springs District, Utah''. Doctor Mackin, a graduate of the New York Univeraity and Columbia University, has been teaching at the University of Washington since 1934. His studies of Utah ore deposits are sponsored by the USGS. His lecture was sponsored by the geology department.

On January 11, Major B. M. Leggette of New York City, an outstanding consultant in the geology of underground water, spoke on ''Elements of Ground Water Hydrology.'' Major Leggette has been a practicing ground water geologist for over 20 years, first in many parts of this country with the USGS, then as a major in the army where he was water supply and sanitation officer for a large area in Algeria and Morocco during the war. This lecture was sponsored by the department of geology and the AAPG lecture tour.

On January 16, Dr. Theodore A. Link, vice president of the AAPG, spoke on ''Theory of Transgressive and Regressive Reef Development and Origin of Oil Within Reefs''. Doctor Link received his bachelor's and doctor's degrees from the University of Chicago. At the Century of Progress World's Fair in Chicago in 1933, he was in charge of the erection of the Petroleum Industry's exhibit. He was brought to the campus through the auspices of the Distinguished Lecturer Committee of the AAPG at the invitation of the State Geological Survey.

FIELD COURSES

Doctor Hough will again conduct a field course to the Baraboo, Wisconsin, region for geology students. This is a regular course offering 4 hours or 1 unit credit. They will be in the field from August 23 to September 8. This is a field course covering structural, stratigraphic, glacial and physiographic features of the region. A comprehensive report is required to provide training in geological report writing.

Arrangements are nearly completed for the University of Illinois summer field camp in geology. The camp will be located near Durango in southwestern Colorado and will utilize the permanent dormitory facilities of Fort Lewis A. & M. College. The course will run for 8 weeks (a regular summer session) from approximately June 25 to August 19. The course will carry 8 semester hours of credit and Doctor Wanless will be in charge of the course, assisted by Dr. W. M. Merrill, recently appointed instructor. The trip to the region will be made by car from the Urbana campus with stops for observation of regional geology on the way to the camp. The region adjacent to the camp contains rocks which range in age from pre-Cambrian to early Tertiary. In addition there are fuel and ore deposits, volcanics, igneous structures, and some excellent Pleistocene and geomorphic features. Only 20 students will be enrolled at the camp this first summer. Three Chevrolet carryalls (metal body station wagons) and a jeep will be used for transportation.

FIELD TRIPS FOR GEOLOGY STUDENTS

Last May students in the economic geology and petrology classes at the University of Illinois had a six-day field trip covering over 1600 miles. The group, under the leadership of Professors Hagner and Chapman, studied a number of prominent mines and other geologic areas in southern Illinois, Missouri, Oklahoma, and Arkansas. Deposits of lead, zinc, bauxite, manganese, iron, fluorspar, and clay were examined.

Doctor Kummel left April 4 with his students in Geology 423, Stratigraphic Geology, for a field trip to study Cretaceous stratigraphy in northern Texas. They will visit Tulsa, Oklahoma; Fort Worth, Waco and Austin, Texas.

Doctor Shaffer conducted the field trip to the Southern Appalachians again this spring over the Easter vacation. Doctor Oftedahl, and Mr. Barton, a graduate assistant, accompanied him. Regional observations were made throughout the trip with special emphasis on intense geology in certain areas. The Bedford limestone quarries around Bloomington, Indiana, the Berea, Kentucky region, Norris Dam, the zinc mines near Knoxville, Tennessee, the Great Smoky Mountains, the Nashville Dome, and Mammoth Cave were visited.

Doctor Wanless was in charge of the southern Illinois field course at Giant City State Park during the Easter vacation.

Doctor Oftedahl is planning two 2-day field trips to the LaSalle-Ottawa region, and Kentland, Indiana, region for the students in structural geology.

The regular airplane field trip to observe physiographic features of eastern Illinois will be taken by Doctor White's students in geomorphology sometime in May.

EXHIBITS

Two new permanent dioramas, first in a proposed series showing phases of historical and physical geology, have been inatalled in exhibition cases in the second floor south corridor of the Natural History Building. Considered one of the finest of its kind is a diorama of an oil field for which Doctor Hough provided a working sketch. Color and lighting are used effectively to throw into sharp relief the various strata revealed in a cross-section of the field. Various ''drillings'' show dry holes, the striking of a gas pocket, and even a windmill-powered water well in addition to oil producing wells.

A second diorama, presented in a carefully detailed natural setting, is a cross-section showing how water action causes the formation of caves in limestone.

Temporary dioramas, show types of minerals, rocks, and crystals. Other permanent dioramas are under construction. Visitors and students daily find these displays of great interest.

THE CYCLOTHEM CLUB

The officers of the Cyclothem Club for the school year 1949-50 are as follows: Richard C. Weart, president; Beverly Solliday, vice-president; Jack E. Harrison, secretary-treasurer; H. R. Cramer, publicity chairman; W. A. Locker and Jack W. Pierce, social events; H. E. Eveland and D. W. Sprouse, program committee; Bernhard Kummel, faculty adviser.

The Club held its annual fall picnic at Crystal Lake Park with the usual football games. We are happy to report ''no minor injuries''. The weather was fine, and everyone consumed quantities of hot dogs. The spring banquet will be held May 2.

The attendance at the regular meetings of the Club is ''zooming'' and everyone has a great deal of intereat in the meetings. Doctor Wanless spoke at one of the meetings on his sabbatical leave tour, Doctor Hough on Antarctica, Doctor White on job opportunities, and Doctor Fuller of Botany on Aztec civilization of Central America. Doctor Oftedahl will speak to the Club later in the year. Films shown at Club meetings were ''Birth of an Oil Field'' and ''Prospecting for Petroleum.'' Due to the ''coal shortage'' we missed two of our regular meetings.

A little GSA meeting is coming up during which various students will give talks and discussions on their research work.

VISITORS

Among former students and staff who stopped at the office to see us during the year were:

Joe Alexander, Phyllis and Phil
Richard O. Barnes
John Barrett
Oliver W. Beimfohr
Allen Agnew and Frances
Jack Ames
John Clay and Peggy
Lucinda Firebaugh Cummins
Robert S. Dietz
Max Firebaugh
Nancy Girhard
Bob Golden
James Hallowell
Marilyn Heath
James D. Herold
William Johnston
Robert Lamb
Bill Lang
Walter McConnell and Mary Louise
Marvin P. Meyer and wife
John D. Mortimer
Frank Nichols' father
Bill Pampe and Jewell
Frank Peuce
Maurie Smith
Herbert Sorkin
Gordon M. Sowers
Lyndell VanDyke
Hugh Walk
Donald L. Wills
Robert Zinser

MARRIAGES REPORTED TO US

Mary E. Barnes, MS '48 to J. W. Rolley, June 13, 1949

Ronald E. Black, BS '50 to Peggy Lauraine Tilstra, February 5, 1950

Herbert E. Blazina, BS '49 was married during the summer of 1949.

Robert Davison, BS '49 was married during the summer of 1949

Edward L. Dillon, BS '47 to Charlene Hamilton of Pueblo, Colorado September 28, 1949

John A. Ferguson (Honors Australia) Grad. student, was married to Eva Dreikurs, January 28, 1950

Jean Marie Geisler, MS '48 to Robert E. Moore, September 18, 1949

William E. Johnston, BS '49 to Marilyn Kathleen Heath, BS '49, March 11, 1950

Kent Morgan, BS '49 to Madge Berkey, June 5, 1949

Bill Pampe, MS '48 to Jewell Pruitt, April 15, 1949

Elizabeth Pretzer (MS '46 Columbia University) graduate student and assistant, to Raymond W. Ball, June 11, 1949

Lorena Ross, BS '46 to Otis M. Walter, Jr., May 29, 1949

Lois Elaine Titus, AB '45 to Earle Sanborn Huse, November 24, 1949

Lindell H. Van Dyke, MS '48 to Julia Anna Venhuda, January 28, 1950

Elaine Zworykin, AB '48 to Louie Knudsen during the summer of 1949

BIRTHS REPORTED TO US

LARRY AGNEW, a son born to Allen and Frances Agnew, December 15, 1949

CATHY, a daughter born to Mr. and Mrs. Donald C. Bowman (Helen Storm) during the summer of 1949

SUSAN KAY, a daughter born to Mr. and Mrs. Thomas C. Buschbach, March 10, 1950

MICHAEL, a son born to John and Peggy Clay, June 1949

KAREN SUE, a daughter born to James and Barbara Dean, December 29, 1949

ROBERT M., a son born to Jack and Fairie Decker, January 15, 1950

MARY ELIZABETH, a daughter born to Mr. and Mrs. Raymond Ball (Elizabeth Pretzer), March 28, 1950

LAWRENCE RANDALL, a son born to Lois and Larry Finfrock, August 1, 1949

KAREN SUE, a daughter born to Jack and Joan Harrison, January 1, 1950

JOHN PETER RONALD, a son born to Win and Ursula Irish, November 17, 1949

BRUCE, a son born to Virgil and Shirley Kennedy, summer of 1949

BRUCE, a son born to Mary and Bill McCommons, January 11, 1949

JEAN ANNE, a daughter born to Carmel and Don Miller, June 16, 1949

ROBERT ALAN, a son born to Mr. and Mrs. William A. Oliver, Jr., May 25, 1949

JANET SUE, a daughter born to Lucille and Ed Otton, April 27, 1949

SUSAN, a daughter born to Carl and Pat Rebok (Pat Cole), April 1949

RANDAL ROBERT ''RANDY'', a son born to Robert and June Rogers, October 26, 1949

KATHLEEN, a daughter born to Mr. and Mrs. Fred W. Stemler (Norma Wallis)

a son born to Merle and Shirley Williams, October 16, 1949

DONALD NED, a son born to Donald L. and Constance Wills, December 27, 1949

A son born to Mr. and Mrs. Frederick W. Wurtzell (Betty Westerbeek), June 1949

NEWS OF ALUMNI AND STAFF

From Robert C. Honea: ''You will be interested to know that last Sunday (December 4) we had quite an alumni meeting here at our home. Those present included Karl Koenig, John Clay, John Henton, Harold White, Arnold Eddings, Bill Gregg and Bob Honea. All families were present and we found that seven children have been born to this group. The children include six boys and one girl -- John Henton having the only girl in the bunch. It seems the Illinois Geology Department is well represented here in southern Louisiana. Among these seven Illinois graduates there were four companies represented. Those companies being: The California Company, The Shell Oil Company, The Pure Oil Company, and the Schlumberger Corporation''. (Bob is with the California Company, New Orleans, Louisiana).

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Changes as announced by Stanolind Oil and Gas Company: John F. Cullen, veteran Rocky Mountain Division manager at Casper, Wyoming, has been named division consultant. He will be succeeded as division manager by Carl L. Larson, Jr., (MS '30), formerly division exploration superintendent at Casper. William S. McCabe (MS '35), division geologist, is promoted to be exploration superintendent. Larson started with Stanolind in 1934, and McCabe in 1943. Both have previously held important positions with other oil companies.

John A. Harrison, (MS '48) (at present a graduate at University of Illinois) was presented a prize in New York in February 1950 for winning a student essay contest with a paper on "Progress in Mechanization in Underground Coal Mines." AIME sponsored the awarding of the prize.

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Allen Agnew and wife visited the department last June on their way to Wisconsin where Allen was to begin work for the USGS, having given up his teaching at the University of Alabama.

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Frank Nichols' (BS '47) father stopped at the office during June and reported that Frank's wife was out of the sanitorium and they were moving to an apartment before long. Frank has a job in Lincoln where he can make use of his chemistry training.

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Nancy Girhard, of the U.S.G.S., visited the Department in October. She did field work in western Colorado during the summer.

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John and Peggy Clay visited the department in October and took in the Missouri-Illinois football game the previous Saturday.

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James D. Herold (BS '49) visited the department in November. He informed us that James E. Goodin, (BS '49) had purchased a grocery store in Belleville, Illinois.

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Jack Ames (Graduate student '46-47) returned to the campus this winter for a few days to see about final arrangements for the completion of his theis for the master's degree. He is geologist for the Baltimore and Ohio Railroad and lives in Maryland.

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We enjoyed a visit with Bill Pampe when he returned to the campus for a few days in September. He informed us that he had been married since April 15, to Jewell Pruitt of Tulsa, formerly of Deeprock Oil Company, Tulsa. He brought us word of John Clay, Wally Lynch and Bob Honea, and Howard Garrett.

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James E. Grant, Jr. BS '48 writes that he will enter the seminary to study for the priesthood in September 1950.

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A letter received from Courtland T. Reid, BS '40 who is with Carlsbad Caverns National Park, reports that many Illinoians visit the park yearly.

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A letter from C. Noble Beard, Ph.D. '41 reports a new residence address. They have a son David, who is now 4 years of age.

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Notes on Alumni visited recently by H. W. Scott:

Mrs. Janet Hoover Sewell (BS '40) is busy acting as political aide to her husband who has recently been elected to the State Legislature of Texas. Mr. Sewell is a senior in Law School and is one of the two youngest men ever elected to the Texas Legislature. Janet acts as reader and political aide to her husband and in her spare time takes care of a splendid young boy who is approaching two years of age.

The Scotts were entertained at a party in Houston by several alumni at the home of Dr. and Mrs. Karl J. Koenig (Ph.D. '49). The Koenig's are busy furnishing a new apartment and keeping a new Oldsmobile polished, not to mention his full-time duties as stratigrapher for the Shell Oil Company.

In attendance at the party was L. H. VanDyke (MS '48) with his bride, the former Julia Venhuda (BS '50). The VanDykes' honeymoon trip to Texas was marred by an automobile accident in Arkansas. In early March they were without a car and many of the wedding gifts were stored in the car while it was being fixed in Walnut Ridge, Arkansas.

Mrs. Jean Geisler Moore (MS '49) and her husband Robert (BS Chemistry '49) attended the party and all of Jean's friends should know that she is her usual pleasant and happy self - contented with life in Houston. She works for Abercrombie Oil Company.

William L. Vineyard (MS '50), geologist with Texas Oil Company, has just reported to the Houston office. He is busy looking for an apartment so that the rest of the family may make their early appearance.

R. M. Stevens (MS '49) has been transferred from Illinois to the producing division in Houston of the Shell Oil Company.

Jim Offenhiser (AB '49) geologist with Shell Oil Company attended the party for a short time but had to leave early because of other engagements.

Mrs. Lorrie Ross Walter (BS '46) is keeping busy with work in television and radio in the Houston area. Most of you will remember her keen interest in the theatre. We are sure that television audiences will enjoy her performances.

The Scotts were entertained by Mr. and Mrs. John A. Culbertson (Ph.D. '32) chief geologist for Continental Oil Company in their lovely new apartment in Houston. Dinner in the San Jacinto Inn in the company of the Culbertsons and Harry Killians (MS '32) was enjoyed by all concerned.

Harry Spoor (AB '26) was out of the city at the time doing consulting work on gas in the Laredo district.

A large colony of Illini geology graduates now reside in the New Orleans district. Unfortunately time was not available to see everyone, but a few moments were spent with several.

Among them, Dr. Desmond Utterback, Ph.D. '36, geologist with Houston Oil Company. Mr. John Henton, MS '49, geologist with California Oil Company was recently transferred to Shreveport, Louisiana.

Mr. John Clny, AM '48 geologist with California Company, recently transferred to New Orleans from Oklahoma.

Mr. Robert Honea, MS '48, geologist with California Company, is busy in the New Orleans office with subsurface stratigraphy.

Mr. Harold White, MS '48, geologist with The Pure Oil Company, is busy with the geology of the state of Mississippi.

Mrs. Lois Schultz Herring (BS '42) and her husband have an apartment in the French Quarters of New Orleans, and everyone is wishing them good luck for an important event to occur in April.

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Mr. Robert Shaver (MS '49) and now working on his Ph.D., is looking rather gloomy these days - Mrs. Shaver is spending two or three months in England visiting her parents and friends there.

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Mr. William A. Newton, BS '35, MS '37 is now consulting geologist and living at 2879 Ivanhoe Street, Denver, Colorado.

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Mr. Robert L. Painter, BS '41 is now district geologist with Barnsdall Oil Company, 1114 4th Avenue, Durango, Colorado.

INSTITUTIONS AND ORIGINS OF GRADUATE STUDENTS IN GEOLOGY, 1949-50

Colleges and Universities

Bates	1	Miami	1
Baylor	1	Michigan State	1
Berea	3	Millsaps	2
Bowling Green State U.	1	Mississippi State	1
Centenary	1	Missouri School of Mines	1
Coe	1	Monmouth	1
Colorado School of Mines	1	C. C. of New York	1
Columbia	1	Northwestern	1
Cornell (Iowa)	1	Penn State	1
Cornell University	1	Principia	1
Dartmouth	1	University of Redlands	2
DePauw	1	Rice Institute	1
University of Illinois	27	Syracuse	2
Indiana U.	1	U. So. California	1
University of Iowa	1	Vassar	1
Lehigh	1	U. Western Ontario	1
McGill	1	Washington University	2
Marietta	2	Wheaton	1
Marshall	1	Wooster	6
		U. of Queensland	1

States and Countries

Arkansas	1	Mississippi	2
California	3	New Jersey	1
Colorado	1	New York	1
Illinois	25	Ohio	8
Indiana	2	Pennsylvania	4
Iowa	3	Texas	2
Kentucky	3	West Virginia	1
Louisiana	1		
Massachusetts	1	Australia	1
Michigan	2	Canada	2
Missouri	3		

UNIVERSITY OF ILLINOIS, GEOLOGY DEPARTMENT, PH.D. DEGREES

1917	Merle Louis Nebel (deceased)	1937	Louis Cordell McCabe
1919	Clarence S. Ross	1939	W. Farrin Hoover
1920	Luther Eugene Kennedy	1940	Justus Stevens Templeton
1927	Russell Spurgeon Poor	1941	Charles Noble Beard
1928	Albert Nelson Murray	1941	Robert Sinclair Dietz
1931	Judson Roy Griffin (deceased)	1941	Kenneth Orris Emery
1931	Harold Bowen Willman	1941	Virgil Dean Winkler
1932	John Archer Culbertson	1942	Raymond C. Gutschick
1932	Oscar Emil Wagner	1942	Wallace Woodrow Hagan
1933	Chester Burns Claypool	1942	Leslie Arnold Holmes
1933	Charles Rollin Oder	1942	Charles H. Summerson
1934	Martin Hewett Billings	1949	Benjamin Grote
1935	William Wray Love	1949	Ernest James W. Irish
1935	Cloyde Moffett Smith	1949	Robert Vernon Kesling
1936	Donald Esmond Utterback	1949	Karl J. Koenig
1937	George Vincent Cohee	1950	M. William Pullen, Jr.

MASTERS DEGREES GRANTED IN 1949-50

John A. Brophy	William A. Oesterling
Richard Joel Cassin	Robert S. Roth
Edward L. Dillon	Robert H. Shaver
James H. Fisher	Robert M. Stephens
Jean Marie Geisler	Warren L. Taylor
William N. Gregg	Richard L. Threet
John Melvin Henton	William L. Vineyard
Ernest H. Muller	Walter R. Ziebell
Haydn H. Murray	

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DEATHS

We are sorry to record the sudden death on March 24, 1950 of Judson R. Griffin (AB '25, MS '27, Ph.D. '31). Doctor Griffin served as part-time assistant in this department 1927-31, and after finishing his training taught at Western Kentucky State Teachers College, Bowling Green, Kentucky where he was the head of the department of Geology and Geography until his death. Mrs. Griffin, the former Helen Gaston was a graduate of the University of Illinois in '25. They have two children; Judith who is a senior at Western Kentucky State Teachers College and Judson, Jr. who is in high school.

LIST OF ALUMNI

(Additions and Changes of Address to April and December 1949 List)

ALLEXAN, JOHN R., BS '49: Home: 3530 Springle Avenue, Detroit 14, Michigan, is with the Texas Company, 322 So. Michigan Avenue, Chicago, Illinois, in the sales training division.

ADAMS, FRANKLIN D. BS 2-50: Home: RR 2, Dieterich, Illinois.

BEARD, C. NOBLE, Ph.D. '41: have moved to 5540 Arthur, Fresno, California.

BEIMFOHR, OLIVER W., BS '40; (MS '41, Vanderbilt): is now with Dept. of Geography and geology, Southern Illinois University, Carbondale, Illinois. Residence: 803 W. College Street.

BRIERLEY, DAVID A., BS '49: c/o National Associated Petroleum Company, Mt. Vernon, Illinois.

BROCKHOUSE, ROBERT BURTON, BS 2-50: Home: Chapin, Illinois. Graduate student, University of Illinois, 1602 Georgia Drive, Urbana, Illinois.

BROPHY, J. A., AB '48; MS '49: is now residing in Morgan City, Louisiana, Box 910.

BROWN, ROBERT L., BS '49: Box 1257, San Angelo, Texas.

BUSCH, PHILLIP M., BS '48: is now graduate student in geography. Residence: 1620 Georgia Drive, Urbana, Illinois.

BUSCHBACH, THOMAS C., BS 2-50: 407 W. Illinois, Urbana, Illinois.

CLEGG, KENNETH EDGAR, BS 2-50: Home: 506 N. Lake, Urbana, Illinois, University of Illinois graduate student.

COHEE, GEORGE V., BS '31, MS '32, Ph.D. '37, is now with USGS, Fuels Division, Washington 25, D. C. Residence: 2630 Colston Drive, Rock Creek Forest, Chevy Chase, Maryland.

COLLIER, HORACE E., BS '49: Home 405 W. Washington Street, Paris, Illinois, is with Baroid Sales Division, National Lead Company, 830 Ducommon Street, Los Angeles 12, California.

DEIBEL, JOHN P., Jr. AB '48: c/o National Assoc. Petroleum Company, Mt. Vernon, Illinois.

DEWHIRST, JAMES D., BS 2-50: Home: RR 3, Clay City, Illinois.

FALZONE, HAROLD H., BS 2-50: Home: 3743 W. Grace, Chicago 18, Illinois.

FOX, ERNEST F., AB '26: With Department of State, Washington, D. C. Residence: 3035 Newark Street, N.W., Washington 8, D. C.

FULKERSON, DONALD H., BS 2-50: Home: 509 N. Silver, Olney, Illinois. Graduate student at University of Wyoming, Laramie, Wyoming.

GAEBE, JAMES R., BS '46: Continental Oil Company, Seismic Crew No. 4, Box 391, Marietta, Oklahoma.

GERWIN, ROBERT W., BS 2-50: Home 5920 S. Peoria Street, Chicago, Illinois. Graduate student, University of Illinois, 705 W. High, Urbana, Illinois.

GRANT, JAMES E., JR., BS '48: Home address: 421 Shoshone Place, Spokane, Washington.

GREENWOOD, CHARLES E., BS '49: Geologist with Continental Oil Company. 425 Schatzel Street, Corpus Christi, Texas.

GUTSTADT, ALLAN MORTON, AB '49: Graduate student, Dept. of Geology, Johns Hopkins University, Baltimore, Maryland.

HENTON, JOHN M., JR., BS '48; MS '49: is with The California Company. Residence: 927 Dalzell, Shreveport, Louisiana.

HERRING, MRS. DONALD G., JR., (Lois Schulz) BS '42: 533 Dauphine, New Orleans, Louisiana.

IRWIN, RAYMOND L., JR., BS '49: Home 10122 Calumet Ave., Chicago 28, Illinois, is with US Gypsum, Sigurd, Utah. Residence: 90 W. Second South, Richfield, Utah.

JOHN, FRED SAMUEL, BS 2-50: Home: 3309 Sheffield, Chicago 13, Illinois

KERN, FRED, BS '48: Creole Petroleum Corporation, Apartado 172, Maracaibo, Zulia, Venezuela, S.A.

KNUDSON, MRS. LOUIE (Elaine V. Zworykin), AB '48: 3824 North 5th Street, Arlington, Virginia.

LACY, WILLIAM C., (AB '38, DePauw); MS '40: greetings were received from 15831 Lincoln Avenue, Harvey, Illinois last Christmas.

LAMB, ROBERT, BS '47; MS '48: with the Atlantic Refining Company is residing at: 213 W. Main, Apt. 5, Riverton, Wyoming.

LIEBERMAN, ROBERT, BS '49: Home: 3485 Fish Avenue, Bronx 67, New York.

LITTLE, LOUIS T., BS '42; (MS ? Chi.): Management Dept. of the Real Estate firm of McKey and Poague in Chicago. Residence: 6120 Greenwood Avenue, Chicago 37, Illinois.

MORGAN, JOSEPH KENT, BS '50: Graduate student, University of Wyoming, Casper, Wyoming.

MORTIMER, JOHN D., BS '49: Graduate student, University of Illinois, 902 South Second, Champaign, Illinois.

OFFENHISER, J. J., AB '49: Shell Oil Company, P.O. Box 2099, Houston, Texas.

PAINTER, ROBERT L., BS '41: District Geologist, Barnsdall Oil Company, 1114 4th Avenue, Durango, Colorado.

REID, COURTLAND T., BS '40: Carlsbad Caverns National Park, Carlsbad, New Mexico.

RHODES, MARTIN M., BS '49: Home: 542 South Washington, Park Ridge, Illinois.

ROTH, ROBERT S., (AB Coe College, '47); MS '50. Graduate student, University of Illinois. 109 East Green, Champaign, Illinois.

SCHAFER, ELWOOD W., BS 2-50: Home: Ashton, Illinois.

SCHOPF, J. M., (AB '30, Wyoming); MS '32; Ph.D. '37: is with USGS, Coal Geol. Lab., Orton Hall, Ohio State University, Columbus 10, Ohio. Residence: 140 Oakland Park Avenue, Columbus 2, Ohio.

SHAVER, ALAN E., BS 2-50: Home: North Henderson, Illinois.

SHEPPARD, KENNETH R., BS '49: Home 412 Plum, Edwardsville, Illinoia is topographic engineer - topographic surveying with USGS, Box 133, Rolla, Missouri.

SIMPSON, HOWARD E., (AB '40, University of North Dakota); MS '42: is with USGS, Denver, Colorado. Residence: 1200 Olive Street, Denver 7, Colorado.

SOLEY, EARL L., JR., BS 2-50: Home: 500 West Road, Lombard, Illinois.

STEIN, CLARKE, BS '49: c/o United Geophysical Company, Inc., 822 Thompson Building, Tulsa, Oklahoma.

STEPHENS, ROBERT M., BS '48; MS '49: c/o Shell Oil Company, Houston, Texas.

SWEENEY, MRS. CATHERINE HAUBERG, AB '36: is now living at 3300 Nebraska Avenue, North West, Washington, D. C. (Husband is Aviation Advisor to Senate Commerce Commission) (they have 4 children).

TERRY, ROBERT I., BS '47: now with Argo Oil Corporation, as geologist. 1742 Milone Building, San Antonio, Texas. Residence: RFD 1, Box 3F, Alice, Texas.

TOMLINSON, CHARLES W., (AB '13 Wisconsin, Ph.D. '16 Chicago) Assoc. Ill. 17-18; 1002 Stanley Boulevard, Ardmore, Oklahoma. President, American Association of Petroleum Geologists.

URBANO, ROBERT F., BS '46: 85 Spring Street, Williamstown, Massachusetts.

VAN DYKE, LINDELL H., BS '47; MS '48: is with Shell Oil Company, P.O. Box 2099, Houston, Texas.

VINEYARD, WILLIAM L., BS '49; MS 2-50: c/o Texas Company, Room 1515 Nat. Standard Building, Houston 1, Texas.

WASKELO, M. J., AB '41: M. J. Waskelo Realty, 916 Wentworth Avenue, Calumet City, Illinois.

WATSON, ROBERT W., BS '49: Home: 35 East 1st Street, Hinsdale, Illinois, is with Siesmograph Crew, c/o Shell Oil Company, Box 327, Harlingen, Texas.

WEBER, MARY (Hill), (BS '44, Colorado); Graduate student University of Illinois '45-'46: is now living at Sharp Park, California.

WICKSTROM, THOMAS S., BS '49: Home: 21 Church Street, North Warren, Pennsylvania, is District salesman, c/o Shell Oil Company, Chicago, Illinois: Residence: 4845 North Wolcott, Chicago, Illinois.

ACKNOWLEDGMENT

I wish to take this opportunity to thank those of you who contributed toward the departmental news letter. It would be impossible, without your help, to publish a reasonably up-to-date news letter. Also, I want to thank those of you who expressed whole-hearted appreciation for the 1947-48 news letter either by letter or orally.

Vacation time will soon be upon us and it is hoped that many of you will find your way back to Urbana, either in person or by way of a post card, or a most welcome newsy letter.

Best wishes to you all.

Sincerely yours,

Rosa M. Nickell

Rosa M. Nickell

NEWS LETTER -- 1950

DEPARTMENT OF GEOLOGY

UNIVERSITY OF ILLINOIS

Urbana

December, 1950

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REPORT TO THE ALUMNI

To the Alumni of the Department of Geology:

You will all join with me, I know, in high praise and approval of Miss Rosa Nickell's newest Annual Newsletter. The cooperation of the alumni in furnishing information and news is much appreciated by all of us. Miss Nickell's geographical index is a new feature this year.

From the geographical index we see that our alumni are now on all continents (except Africa), in all of the countries of North America, and in most of the states of the United States.

We think it is important to note that our present student body, both undergraduate and graduate, not only has a good representation from the State of Illinois but also includes students from over 20 other states and foreign countries. In the graduate group, 48 different colleges and universities are represented.

Although the department does not have any research endowment the Graduate Research Board has generously supported the research projects of the department. The research funds made available this year amount to something more than the income at 4 percent on $600,000 (This is more than we can expect every year because this year we had a special grant for equipping the new clay mineralogy laboratories). Commercial organizations have been generous in supporting fellowships in the department.

The employment situation for recent graduates began to be unsatisfactory in the late spring and early summer, but because of the recent international crisis we again find ourselves unable to supply the demand. The demand is not only for new graduates but also for men of experience. We are able to refer many inquirers to alumni and expect to continue this practice. Our files with their up-to-date information are very important in such cases.

You have heard many times about the space handicaps under which we operate. We understand that the proposed new Life Science Building will have a high priority in planning for the next biennium. If that building is appropriated, then upon its completion a great deal of new space will be available to the Department of Geology in the Natural History Building. We can then continue our progress in existing divisions and advance into fields from which we are now debarred for lack of space. The new Life Science Building is the key to the relief of several critical situations on the campus but none is more critical than that of the Department of Geology.

We are sensitive to alumni comment, advice, and suggestions. You are the men who can take an objective view of past and present operations. We have benefited greatly from your cooperation and we all look forward to a continuation of our happy and fruitful relations.

Sincerely yours,

George W. White

George W. White

GEOLOGY STAFF, 1950-51

Senior Staff:

G. W. White, professor and head of the department
F. W. DeWolf (professor emeritus)
C. A. Chapman, professor
R. E. Grim, research professor
J. L. Hough, professor
H. W. Scott, professor
H. B. Wanless, professor
A. F. Hagner, associate professor
Bernhard Kummel, associate professor
P. B. Shaffer, associate professor
Christoffer Oftedahl, visiting assistant professor
D. M. Henderson, instructor
W. M. Merrill, instructor

Fellows:

F. T. H. Rhodes, University of Illinois Post-doctoral
J. E. Harrison, University of Illinois
R. R. Johnson, University of Illinois
H. H. Murray, Illinois Clay Products Company
R. S. Roth, National Lead Company
R. H. Shaver, Shell Company

Junior Staff:

D. H. Amos (BS '49 Marietta College; MS '50 Illinois)
H. W. Arms (AB '49 Berea College)
C. A. Barton (BS '49 Millsaps College)
R. S. Boardman (BS '48 Illinois)
J. R. DuBar (BS '48 Kent State University; MS '50 Oregon State)
E. E. Glick (BS '49 Univ. of Southern California)
C. H. Hardie (BS'50 Texas Western College)
J. C. Hathaway (BS '50 Colgate University)
M. L. Kidda (BS '49 Millsaps College)
R. L. Kite (BS '50 University of Kansas)
R. F. McAllister (BS '50 Cornell University)
W. L. McCormick (BS '50 Mississipoi State College)
Mrs. Jacqueline Patterson (AB '48 Cornell College)
D. A. Robertson (BS '49 Centenary College)
L. G. Schultz (AB '50 California Institute of Technology)
R. B. Scott (BS '49 University of Redlands)
J. W. Shelton (BS '49 Baylor University)
V. C. Shepps (BS '50 Franklin and Marshall College)
Maxwell Silverman (BS '49 Colorado School of Mines)
N. F. Sohl (BS '50 Illinois)
F. L. Staplin (BS '49 and MS '50 University of Texas)
H. G. Stewart (BS '50 Kent State University)
E. W. Tooker (BS '47 Bates College; MS '49 Lehigh University)
J. P. Wehrenberg (BS '50 Missouri School of Mines)
E. G. Williams (BS '50 Lehigh University)

Office:

Rosa M. Nickell, chief clerk
Mrs. Muriel B. Kratz, senior clerk-stenographer
Mrs. Bonnie D. Hollandbeck, Junior clerk-stenographer
Milton Clark, senior laboratory attendant

NEW APPOINTMENTS

Dr. Ralph E. Grim, former head of the division of clay resources, Illinois State Geological Survey, became full-time research professor of geology, September 1, 1950. He is directing the work of several graduate students leading to the Ph.D. degree, and is teaching two graduate courses in clay mineralogy.

Dr. William M. Merrill, Ph.D. '50 Ohio State University, joined our staff as a full-time member, June 1950. He is assisting in beginning physical geology and historical geology courses, and will help with various field courses during the second semester and summer session. He assisted Doctor Wanless during the summer of 1950 at our Colorado field station. He and his family are living in Stadium Terrace.

ACTIVITIES OF THE STAFF

Carleton A. Chapman continued his field studies in eastern Maine during the summer under the support of the Graduate Research Board. He was assisted in the field by John Wehrenberg, BS '50 Missouri School of Mines, and Dewey Amos, MS '50 Illinois. John enrolled in Graduate College this fall and is serving as an assistant in the department. Dewey is continuing work toward the Ph.D. and is again acting as part-time teaching assistant. Doctor Chapman also supervised field study undertaken by John and Dewey as a basis for a master's thesis for John and a PH.D. thesis for Dewey.

Professor and Mrs. Frank W. DeWolf vacationed in California and Colorado during June and July. They renewed acquaintance with many former Illini during their tour.

Ralph E. Grim, appointed as full-time research professor in geology Sept. 1, sailed on June 28 for Plymouth, England, on his way to the meeting of the international committee for study of clays in Amsterdam, Holland. The meeting was in conjunction with the Fourth International Congress of Soil Science, July 24 -- August 1.

Doctor Grim was chairman of one of the sessions, running for ten days. Doctor Grim lectured on bonding clays at the University of Leeds and visited the kaolin deposits and research laboratories in Cornwall, plants processing bentonite clay at Chester, near Liverpool, and clay research laboratories at Stoke-on-Trent, the center of the English ceramics industry. Following the Amsterdam meetings Doctor Grim inspected clay research laboratories and conferred with mineralogical groups in Paris and Zurich, visited the famous Bavarian china clay works and then went to Switzerland. There he attended the 25th anniversary of the founding of the Swiss Mineralogical and Petrographic Society, including a ten-day tour of the eastern Alpine provinces and scientific session at Davos.

Doctor Grim is in charge of two graduate courses in clay mineralogy and has several graduate students working on thesis problems under his direction.

Arthur F. Pagner continued his field studies in the Laramie Range, Wyoming, during the summer for the USGS. He was assisted by Jack Harrison (Ph.D. candidate, June '51) from the University of Illinois. To date, in addition to several abstracts, a paper has been published on the cordierite deposits and a manuscript is almost finished on metasomatic gneisses and schists.

Donald W. Henderson spent the summer in field study of the geology and petrology of the Crawford Notch quadrangle, New Hampshire under the support of the Graduate Research Board. He was assisted in the field by Wilford F. Weeks, an undergraduate student in the department. Mr. Weeks made an independent study of a group of dike rocks as a beginning of research for a senior honor's thesis.

Jack L. Hough made a study of lake clay deposits of glacial age in parts of Ontario, Wisconsin, Michigan, and in Lake Michigan with the purpose of correlating deposits in the various areas and of counting annual layers in order to synthesize a time scale for the later glacial and post-glacial events of the Great Lakes region. He was assisted by Raymond F. McAllister and Paul J. Ferree, Illinois graduate students who worked in Ontario; Merle Williams and Alan Buck, Illinois undergraduate students who worked in Wisconsin; Donald C. Baldwin and William Stallsworth, graduate and undergraduate students respectively; Max Silverman, graduate student, who assisted with design and construction of bottom-sampling apparatus, sampling the bottom of Lake Michigan in cooperation with the U.S. Coast Guard. The above study was supported by funds from the Office of Naval Research in cooperation with the University of Illinois.

Doctor Hough conducted a two-week field course in the Paraboo, Wisconsin region after the regular summer term was completed. Doctor Oftedahl assisted him in the work.

Doctor Hough continues as editor of the "Journal of Sedimentary Petrology".

Bernhard Kummel spent two months during the summer in stratigraphical studies on the Triassic formations of Utah, Idaho, and Wyoming, in part for the USGS. He was assisted in the field by Norman Sohl, a graduate student from Illinois. Very extensive paleontological collections have been made.

Dr. Kummel will be on leave of absence, II Semester 1950-51 and will carry on paleontologic and stratigraphic research in Great Britain, primarily at the British Museum. Dr. Kummel is preparing two parts of the forthcoming International Treatise of Invertebrate Paleontology.

William M. Merrill was associated with Doctor Wanless in conducting our geology field station at Fort Lewis, Colorado. In the early part of September he participated in a field conference dealing with problems of upper Pennsylvanian and Permian stratigraphy in the Dunkard basin in Ohio, West Virginia, and Pennsylvania.

Christoffer Oftedahl undertook geological field work in the Wind River Mountain Range of western Wyoming studying pre-Cambrian rocks, with Graduate Research Board support. Later in the summer he assisted Doctor Hough with the field course conducted in the Paraboo, Wisconsin region.

We appreciate the opportunity of having Doctor Oftedahl and his family with us during their brief stay in America and feel that the department and students have profited greatly thru association with him. Our best wishes for continued success go with them when they return to their home in Norway early next year.

Harold W. Scott continued on leave of absence during the summer. In conjunction with his research work on classification of the Ostracoda, in part supported by the Graduate Research Board, he spent some time at the American Museum of Natural History and Columbia University in New York. This material is being utilized as the basis of a book on the Ostracoda.

During the summer *Paul R. Shaffer* continued studies started last summer in northwestern Illinois for the Illinois Geological Survey into eastern Iowa and for both Illinois and Iowa surveys on the extension of the Labradorian ice sheet into eastern Iowa during the Tazewell substage of the Wisconsin stage. This work was carried on with the cooperation and counsel of Dr. M. M. Leighton, chief of the Illinois Geological Survey. Mr. Herbert G. Stewart, Jr., graduate student in geology, served as research assistant to Doctor Shaffer.

Harold R. Wanless devoted a week in early June to field studies in the southern anthracite field of Pennsylvania with Michael Kidda, a master degree candidate, and in the bituminous field of west Pennsylvania with John Ferm, a doctor degree candidate.

Doctor Wanless was in charge of our summer field camp with headquarters on the campus of Fort Lewis A. & M. College near Durango, Colorado. He was assisted by Doctor Merrill and Donald Sprouse, a graduate student from Illinois.

After the close of the field camp session Doctor Wanless spent some time in Denver studying the aerial photo collections of the Forest Service and Geological Survey. Later he spent some time in the field working on the Pennsylvanian rocks of the Laramie range and Hartville uplift of eastern Wyoming and the southern Black Hills of South Dakota, under Graduate Research Board support.

Doctor Wanless spent three days participating in a field conference on the later Pennsylvanian and early Permian rocks of Ohio, southern Pennsylvania and West Virginia, sponsored by the Ohio and West Virginia Geological Surveys.

George W. White spent the summer in Ohio on a study of the glacial drift of the northwestern part of the Appalachian Plateau in northeastern Ohio for the U.S. Geological Survey, Ground Water Branch. Sedimentational study of some of the till samples is being made by V. C. Shepps, graduate student in geology.

LECTURES

On May 3, Dr. Sherman A. Wengerd, assistant professor of geology, University of New Mexico, spoke on "Reef Sedimentation of the Majuro Atoll". Doctor Wengerd, an authority on reef origin, is the author of several published papers on geology dealing with sedimentation. He was the recipient in 1948 of the President's award of the American Association of Petroleum Geologists for the most significant, original paper by an author under 35 years of age. He served as a Naval officer during World War II and was assigned to photogrammetric work, having direct application to the finding of oil in the Naval Petroleum Reserves. His four months' study of the Majuro Atoll was made during his navy service. Doctor Wengerd was brought to the campus through the auspices of the Distinguished Lecturer Committee of the AAPG at the invitation of the Department of Geology.

Mr. David M. Delo, executive director of the American Geological Institute, Washington, D. C. was on the campus April 20. He addressed geologists of the Department and the Geological Survey on "Geology Faces the Mid-Century."

On June 8, "Operation Highjump" lecture and sound movies were presented by Capt. Charles W. Thomas of the U.S. Coast Guard, who was captain of the icebreaker "Northwind" which led the central wing of the expedition to Little America in 1946-47. Doctor J. L. Hough of our department was a member of the expedition.

Our first lecture of the fall was given by Professor Charles H. Behre, Jr., Columbia University economic geologist who spoke on "Geologic Lineaments of Mexico". Doctor Behre spent two years in the field in all the major upland provinces of Mexico which afforded an opportunity to review the geology of Mexico with respect to its mineral deposits as to the main tectonic lines and their relation to the recent surface features. During the war Doctor Behre was on the Council of Foreign Relations and on the U.S. Geological Survey. Immediately after the war he became the first chairman of the Committee on Geographical Exploration of the Joint Research and Development Board, the Research Agency of the U.S. Armed Services.

On November 10, Dr. R. A. Stirton, Director of the Museum of Paleontology and Chairman of the Department of Paleontology at the University of California, spoke on "Cenozoic dispersals of vertebrate animals in the Americas". Doctor Stirton's lecture was sponsored jointly by the Division of Biological Sciences and the Department of Geology.

"Sedimentary Basin Development" was discussed by Mr. Lewis C. Weeks, on November 21. Mr. Weeks is staff and chief research geologist with the Standard Oil Company (New Jersey). The lecture was under sponsorship of the Illinois State Geological Survey as a Distinguished Lecturer of American Association of Petroleum Geologists.

FIELD COURSES

Geology 316, Geology of the Paraboo, Wisconsin Region, was under the leadership of Dr. Jack L. Hough, assisted by Dr. Christoffer Oftedahl. Two weeks were spent in the region, August 23 to September 9. Twenty students were enrolled in the course, and are now busy preparing a written report as part of their course work.

Geology 317, Geology of the San Juan Region, Colorado, was under the leadership of Dr. Harold R. Wanless, assisted by Dr. William M. Merrill, and Mr. Donald Sprouse, half-time graduate assistant. Twenty-two students were enrolled in the course, 11 graduates and 11 undergraduates. Most of the graduate students started theses problems in the area.

The motor equipment consisted of three University of Illinois carryalls, a panel truck and a jeep, plus personal cars of Doctors Wanless and Merrill.

It is our feeling that our first field camp was very successful. Plans are underway for continuation of such a camp next summer with a much larger enrollment of students, and staff.

Doctor Wanless conducted a field trip to Dixon, Illinois area for students in "Geology of Illinois" course this fall. The course has an enrollment of 30 students. They also studied geological features near Jerseyville. His graduate class in Sedimentation made a 2-day field trip to Michigan City, Indiana in early November.

Doctor Oftedahl conducted a 2-day field trip to the LaSalle-Ottawa region, and Kentland, Indiana again this fall in his structural geology course.

The Tri-State Geological Field Conference was held in Wisconsin on October 14-15. Members of the staff-student group who attended were: Carleton A. Chapman, Bernhard Kummel, Paul R. Shaffer, Richard Boardman, Dorothy Gore, Robert Kite, Haydn Murray, Robert Roth, and John Wehrenberg.

GEOLOGICAL SEMINAR

A seminar for staff and graduate students was organized last spring under the direction of Doctor Wanless. Speakers and topics were: J. L. Hough "Research in Great Lakes Problems"; M. W. Pullen "Variations in Radio Signal Intensity as Influenced by Geologic Conditions"; E. H. Muller "Island Arc Problems as Illustrated in the Aleutians"; J. A. Ferguson "Geology of Queensland, Australia".

The first meeting this fall was on "Recent Pleistocene Studies in Northwestern Illinois and Eastern Iowa" by P. R. Shaffer.

Other meetings will be held during the school year.

DISPLAYS

Professor Wanless supervised the preparation of an exhibit of aerial photographs which was open to the public on Saturday, September 30 in Room 251 Natural History Building. Selected samples comprising the exhibit were from the department's collection of more than 5000 aerial photographs. Visitors were able to see the various land forms as three-dimensional views by using mirror stereoscopes. As many of you know the departmental collection had its beginning in 1943 when aerial photographs were used for the teaching of mapping and photo interpretation to army units stationed at the University. During the past year the greatly expanded collection was used extensively for mapping exercises at our field camp in Colorado, Giant City State Park in southern Illinois, and at Baraboo, Wisconsin.

To make the collection more useful as a teaching aid, for research mapping, and to facilitate the understanding of regional relationships, Professor Wanless has prepared a subject index, indicating the kinds of features to be found on the individual photographs.

A similar display was exhibited at the GSA meetings in November in Washington.

THE CYCLOTHEM CLUB

The officers of the Cyclothem Club for the school year 1950-51 are as follows: Max Silverman, president; R. S. Boardman, vice president; Warren Ziebell, secretary-treasurer; Jack L. Hough, faculty advise

The second meeting of the club was held on Tuesday, November 7. The speaker was Dr. Walter Voskuil mineral economist of the Illinois Geological Survey, who spoke on "Mineral Economics of the Far East". The meeting was well attended.

The fall picnic was held on October 29 with plenty to eat and not too many casualties resulted from the strenuous use of muscles grown stiff from disuse.

SCIENTIFIC MEETINGS

On April 24-27, the annual meeting of the AAPG was held in Chicago. Members of the staff who attended were Hough, Kummel, Wanless, White.

The Illinois Academy of Science meeting was held in Rock Island during May. Chapman, Henderson, Shaffer, Wanless and White were in attendance.

The annual meeting of the Association of Geology Teachers was held on the campus April 14-15. Paul B. Shaffer was in charge of the program which included papers by H. F. Hendriks, J. L. Hough, A. L. Howland and Dr. Arthur C. Bevan. The sessions were well attended. Dr. Shaffer was elected president for 1950-51.

Early in May Doctor Hough attended the meeting of the American Geophysical Union in Washington, as chairman of the Union's committee on Lakes.

In early September, Doctor Wanless and Doctor Merrill attended the West Virginia field conference.

In late September Doctor Hough, at the request of the Navy, attended the mock atomic bomb tests held in Chicago in connection with Chicago's civil defense organization. A point under consideration is what effect stratification of the water of Lake Michigan would have on containment of atomic contamination. As you know Doctor Hough spent considerable time during World War II as an oceanographer for the Navy at Woods Hole, Massachusetts. He also has been associated with the bureau of ordnance, and accompanied the last Byrd Antarctic expedition as hydrographic officer.

Members of the staff and student body who attended the GSA meeting in Washington, November 16-18 were: Chapman, Grim, Hagner, Henderson, Hough, Kummel, Merrill, Oftedahl, Scott, Shaffer, Wanless, White, DeWolf, Roth, Silverman, and Boardman.

Dr. White was chairman of the session on "Geomorphology and Glacial Geology".

Doctor Scott was in charge of the alumni luncheon arrangements from the campus and Dr. Louis McCabe was general chairman and directed arrangements in Washington. There were 54 in attendance at the luncheon ranging from class of '23 (Marie Stadnichenko) to the class of '50.

Those who attended the dinner were:

Agnew, Allen F., and wife
Ames, John A.
Brokaw, A. L.
Bevan, Arthur
Chapman, C. A., and Thelma
Cohee, George V.
Cramer, Raymond A.
DeWolf, Frank W. and wife
Culbertson, J. A.
Emery, K. O.
Eveland, H. E.
Ferm, John C.
Girhard, Nancy
Golden, Richard M.
Grim, Ralph E.
Hagner, A. F.
Helmuth, D. N.
Hough, J. L.
Kosanke, Bob
Kummel, Bernhard
Larrabee, David M.
Leighton, M. M.
McCabe, Louis C.
Merrill, William M.
Moore, Wayne F.
Miller, Don
Oder, Charles R.
Otton, Edmond G., and Lucile
Parks, Bryan C.
Pendleton, Margaret M.
Poor, R. S.
Roth, Robert S.
Schoof, James M.
Scott, H. W.
Shaffer, Paul B.
Simon, Jack A.
Sims, Paul K., and Dolores
Stadnichenko, Marie
Trefethen, J. M.
Wanless, H. R.
Weinberg, Edgar L.
White, W. Arthur
White, George W.
Willman, H. B.
Yolton, James S.

We are sorry that the room accommodation for the alumni luncheon was not large enough to take care of all alumni who would like to have attended.

EXHIBITS

A third diorama has been added to our collection of displays in the south corridor of Natural History Building showing a cretaceous life scene. It is primarily a view of reptilian life; Tyrannosaurus, Trachodon, and Triceratops are the forms shown on the land surface; Pleisosaurus and Ichthysosaurus are the marine reptiles shown near the shoreline; in the air and on nearby cliffs several Pteranodons are shown. The overall purpose of the diorama is to reconstruct a life scene as existed near the close of the Cretaceous period.

GRADUATE STUDENTS IN GEOLOGY

1950-51

Origin		Highest Degree Earned		
University	No. of students	AB/BS	AM/MS	Ph.D.
Augustana	1	1		
Bates College	1			
Baylor University	1	1		
Beloit College	1	1		
Berea College	1	1		
Brown Univ.	1			
California Inst. Tech.	1	1		
Centenary College	1	1		
Univ. of Chicago	2	1	1	1
Coe College	2			
Colgate University	1	1		
Colorado School of Mines	1	1		
Columbia University			1	
Cornell College	1	1		
Cornell University	1	1		
DePauw	2	2		
Emory	1		1	
Franklin & Marshall	1	1		
Hunter	1	1		
Illinois	19	15	7	
Iowa			1	
University of Kansas	1	1		
Kent University	2	1		
Lawrence College	1	1		
LeHigh University	1	1	1	
Marietta College	1			
Marshall College	1	1		
Middlebury College	1	1		
Millsaps College	2	2		
Mississippi State College	1	1		
Missouri School of Mines	1	1		
Monmouth College	2	1		
Northwestern University	1	1	1	
Oregon State University			1	
Principia	1	1		
University of Redlands	1	1		
Rensselaer Polytechnic Inst.	1	1		
Rice Institute	1	1		
Roosevelt College	1			
St. Louis University	1	1		
Southern California	1	1		
Syracuse University	1		1	
University of Texas	1		1	
Texas Western	1	1		
Universite Laval			1	
Vassar	1			
Western Ontario	2	1		
College of Wooster	2	2		
Univ. of Pirmingham, England	1			1
	71	52	17	2

States represented	No. of Institutions represented
California	3
Colorado	1
Georgia	1
Illinois	7
Indiana	1
Iowa	3
Kansas	2
Kentucky	1
Louisiana	1
Maine	1
Mississippi	2
Missouri	3
New York	6
Ohio	3
Oregon	1
Pennsylvania	2
Rhode Island	1
Texas	4
Vermont	1
West Virginia	1
Wisconsin	1
Canada	2
England	1
	49

BIRTHS

Mark Vincent, son born to Julian and Jonalee Altrogge, 1-17-50.

Sharon, daughter born to Bill and Charlene Dady, July, 1950.

Margaret Halverson, daughter born to Doris and John Ferm, 5-5-50

Carl Russell, son born to Bob and Barbara (Camp) Griesaer, 9-10-50

Geoffrey Stauffer, son born to William and Marian Irwin, 7-21-50

Sydney Ann, daughter born to Bill and Mariana Johns, 7-22-50

Evelyn Louise, daughter born to Bob and Nancy Lamb, 11-12-50

Walt, III, son born to Walt and Fran Locker, 6-6-50

Sharon Louise, daughter born to Bernhard and Marilou Lynch, 9-4-50

Robert Scott, son born to Raymond and Rhea Shrode, 9-9-50

Carol, daughter born to Ed and Polly Tooker, 6-7-50

Warren Randall, son born to Bill and Mary McCommons, 11-30-50

MARRIAGES ???

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NEWS OF ALUMNI AND FORMER STAFF MEMBERS

Julian Altrogge, BS '49, wrote us in June that they were building a house in Shawnee - a light red brick, at 9 E. Pulaski which would be ready for occupancy by July. He would like to see any of the staff, grads or undergrads who might be in the vicinity, or on their way between Tulsa and Oklahoma City. He gave news of seeing Warren Taylor at the AAPG meetings in Oklahoma City in January. He also saw Bill O'Heran when he was on a field trip around Ardmore.

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Gerald Keith Anderson, BS '49 and wife visited us in May, 1950. Gerald received his MS degree in June 1950 from Texas Tech., and is now instructor at Miami University, Oxford, Ohio.

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M. H. Billings, MS '31 (PH.D. Pittsburgh'34) who is now general manager of Union Carbide Europa, S. A., with headquarters at 6, Rue de la Corraterie, Geneva, Switzerland, wrote expressing regret that Professor DeWolf's visit on the Continent was unbeknown to him as he would have liked to have contacted him to talk over old times. Doctor Billings would be very happy to see any former Illini who go to Europe and he will be glad to extend every assistance possible to make their trip more enjoyable.

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A note from Jerry Bowers indicates that she knows on which team to place her money! She is still with Shell and we hear good reports on her work. After Dec. 9 her adress will be 434 No. Oliver Street, Wichita. Last summer, Jerry arranged a luncheon for Dr. Wanless and his group of students on their way to field camp.

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Mrs. Donald C. Bowman (Helen Storm, AB '48) visited the department in August. She and her young daughter, Cathy, came in in time to have a coke with the office force, and we enjoyed her visit very much.

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Dr. C. Noble Peard, Ph.D. '41, now with Fresno State College, California, stopped at the office in August to say "hello".

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We were informed that Philip Wm. Pardell, BS '50 toured western Europe during the summer of 1950.

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Ed Bushman, BS '41, stopped at the office Saturday monring of Homecoming weekend to give us a change of address. Sorry we missed seeing you, Ed.

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A note from J. S. Cullison, AB '28, who has been in Caracas, Venezuela, gave us a change of address to the Department of Geology, Florida State University, Tallahassee, Florida.

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John Carlson BS '49, who is at the University of Idaho working for the master's degree visited us in August. He will receive his master's degree in June of next year.

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Mrs. G. W. Dettinger (Ruth Hockman BS '49) wrote in October that her husband is with C. Iber & Sons, general contractors in Peoria. They are now living at 1522 Knoxville Avenue, Peoria.

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We were happy to have Ed Dillon, MS '49 and Shirley visit us in early May.

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Larry Finfrock, MS '48 visited us in September and reported that he is no longer with Carter Oil Company, but has accepted a job with Sun Ray Oil Corporation as district geologist in the Mississippi-Alabama district.

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Donald H. Chapman of the University of New Hampshire was granted leave of absence for the second semester of 1949-50 for study of glacial geology in Scandinavia. As some of you will remember, Dr. Chapman was on our teaching staff during the summers of 1948 and 1949. He writes that he is to lead a party of teachers and students to Scandinavia in 1951 under the auspices of the Bureau of University Travel.

Mrs. James Gaebe (Martha) visited us in May and reported that James, BS '46, who has been workin for Continental Oil Company is now with their geophysical research department and is stationed in Ponca City, Oklahoma.

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Charles E. Greenwood, BS '49, Continental Oil Company of Corpus Christi, Texas, visited us in September. He reported seeing Philip Lane, MS '50, who is also with Continental Oil in Corpus Christi.

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William J. Gard, BS '50, visited us in early September. After graduation Bill accepted a positi with Century Metalcraft Corporation but unfortunately spent most of the summer in the Veteran's Hospital in Louisville, Kentucky.

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Karl Leroy Goodall, Jr., BS '50, visited the department in October and reported that he had been called for active duty in the army as 2nd Lt. in Adj. Gen. Dept.

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Wally Hagen, Ph.D. '42, was in town for the Illinois-Indiana Homecoming football game. He called the office and said he brought Bob Garrett up with him.

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We have heard that W. G. Harris, BS '48, has left National Association Petroleum Company, but is still in Mt. Vernon working for another company. We would be glad to have his correct address and company affiliation.

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We were glad to see John M. Henton, MS '49, wife, Dorothy, and daughter, Dorinda, in August. They were enjoying the cool weather of Champaign-Urbana and were not looking forward to the hot weather in Shreveport, Louisiana.

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Dr. Wanless reports that he understands Mr. and Mrs. Donald G. Herring (Lois Schulz, BS '42) are being transferred from New Orleans to Los Angeles (he is with Texas Company). We hope they will enjoy living in Los Angeles as much as they did in New Orleans.

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Bob Honea, BS '46; MS '48, Florence and Bruce were in to see us on October 23 and reported they are enjoying New Orleans very much. They were on vacation and going back by way of Oklahoma and Texas. Too bad, Bob, you didn't stay for the Illinois-Indiana football game - a perfect score- Illinois 20, Indiana 0. The weather was great. Bob reported that California Company had recently moved to their own building at 1111 Tulane Avenue. Bob also gave us a new address for Bill Gregg who has recently moved to New Iberia, Louisiana.

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This is rather late - but congratulations to Dorothy Johnson, MS '45, on the much-needed publication, "Directory of Geology Departments of Educational Institutions in the United States and Canada". Dorothy was senior author, assisted by S. W. Lowman and John T. Rouse - an AAPG publication.

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Karl Koenig, Ph.D. '49, and Mary Kay were among homecoming visitors this fall. Karl reported he is enjoying his work very much and thinks Houston is an excellent place in which to live.

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Dave Larrabee, MS '36, reported to Doctor Wanless when he saw him in Washington that he expects to be transferred from Bound Brook, New Jersey, to Chicago, in the not too distant future. We hope he will visit us often.

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It is our understanding that Bob B. MacGregor, BS '40, is no longer at Wesleyan University. His new address would be much appreciated.

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Mrs. Robert F. Moore (Jean Geisler, MS '49) and husband returned to Champaign for Homecoming and a vacation. Jean gave us news of Illini in Houston and reported that an Illini Club had been formed there. Karl Koenig is president and Jean is secretary-treasurer. There are over 200 former Illini in the area. Their first meeting was an election of officers on October 11, with a dinner meeting. The next meeting will be in December with a picnic and song fest. In January and February they will have Illini football movies and pictures of the campus. Sounds like a good investment!

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Wayne E. Moore, BS '46, (Ph.D., Cornell, 1950) is now teaching paleontology and stratigraphy at Virginia Polytechnic Institute. He had several students with him at the GSA meeting in Washington.

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Haydn H. Murray (Ph.D. candidate for June, '51) will be leaving us to accept a position with Indiana University and the Indiana Geological Survey in June. He will be in charge of their work in clay mineralogy. Indiana isn't far from Illinois so we expect to see them often.

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We were glad to see Frank Nichols, BS '47, in June. He reported that his wife is getting along fine, and he is working in Lincoln, Illinois, as a chemist.

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Word has been received from Charles P. L. Oder, Ph.D. '33 that they are planning to establish a geological laboratory in connection with his company's work. He works for American Zinc Company of Tennessee

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Bill Oesterling, MS '49, dropped in on November 10 to say "hello". He is still with the Aluminum Ore Company of Bosiclare, Illinois, and is enjoying his work very much.

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We understand that Tom G. Parker, MS '33, has moved from Midland, Texas to California. If so, we would like his new address and company affiliation.

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Jim Penn (graduate student, '49-49) visited us on October 19. He is still with the Gulf Refining Company and is located in Mattoon, Illinois. They now have a nice house, and two fine boys. Jim says, "Gulf is a fine company".

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Mrs. James C. Sewell (Janet Hoover, BS '40) returned to Champaign-Urbana for Homecoming weekend. She attended the football game and saw many of her former friends, and enjoyed visits with members of the department. This was Janet's first visit to the campus since she left here in 1943. She reported that Jim had just taken the bar examination. We were sorry her family was not with her but she said, "perhaps next time". Janet enjoys Texas very much.

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Mrs. Frederick A. Shannon (Ellen Jordan, MA '50) spent her vacation in Champaign-Urbana during August and visited the department on several occasions.

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Congratulations to Robert P. Sharp (staff '38-44) who was recently featured in LIFE MAGAZINE as one of the outstanding teachers of 1950.

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Robert C. Smith, BS '42, with the Ground-Water Division, USGS has been transferred from Columbus, Ohio, to Morgantown, West Virginia, where he is geologist-in-charge for West Virginia. He and Doctor White, who is consultant for the USGS Ground-Water Division, are cooperating on a report on Summit County, Ohio, which is expected to be completed by the summer of 1951.

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Gordon M. Sowers, BS '46, wrote an interesting letter to Doctor Scott in which he informed us that he is now in charge of the Eastern Division Geological Laboratory of Creole Petroleum Corporation with headquarters at Jesupin, Estado Monagas, Venezuela. They are enjoying life in the field camp very much. Their third daughter was recently born - their children in order are: Stephanie Kay, born in Urbana; Janet Lynne, born in Caracas; Vicky Carmen, born in Caripito.

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A post card from the Spotties (Helen and Adler, MS '41) in July said they were enjoying their vacation at Ocean City, Maryland. Helen said, "doesn't anyone from the department ever come to West Virginia? They would like to see former Illini when they are passing through Morgantown, West Virginia.

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Donald W. Sprouse (graduate student '49-50) who left Urbana at the end of the summer term, after assisting with our field camp in Colorado, to accept a position as head of the department of geology at State Agricultural and Mechanical College, Magnolia, Arkansas, reports favorably on his new position. He is busy setting up a program in geology for geology majors. He reports that they do not have too much equipment but have hopes of adding to it during the year.

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Mrs. Fred W. Stempler (Norma Wallis, BS '48) wrote to us in June that during the past semester she was given an instructorship in the geology department at Purdue, assisting in historical geology and mineralogy. They expect to remain at Purdue for at least two more years where Fred is working for the Ph.D. degree. They have one daughter, Kathleen (Kathy) Sue, who was 10 months old last June. They would be glad to see friends from Illinois who might be passing through Lafayette.

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Bob Stockton, BS '49, visited us in July. He has been doing graduate work at Texas Tech. and expects to receive his MS degree next year.

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Warren Leroy Taylor, MS '49, visited us in July and reports that he is enjoying his work very much in New Mexico. He is with El Paso Nat. Gas Company.

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Joe Vercellino, BS '47, visited us in October and reported that the Bob Rogers have a new home in Shreveport.

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Harold White, MS '49, spent part of his vacation in Urbana in November. He reports that he is vice president of the New Orleans Illini Club, and E. T. Colton, II, is president. They meet monthly during the winter months, usually dinner meetings at some hotel or restaurant. Illini football pictures are shown sometime during the winter.

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Tom Wickstrom, BS '49, stopped at the office in May to report a change of address and say "hello". He is with Shell Oil Company and is located in Bloomington, Illinois.

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Virgil Winkler, Ph.D. '41, Creole Petroleum Corporation of Venezuela, stopped in to see us in early October. He was returning to South America after a vacation in the States.

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NEWS OF PRESENT STUDENTS

In the fall of 1949 President Stoddard received a communication from the Venezuelan Government inviting one or two outstanding students in geology, engineering, business administration and law who were taking post-graduate work and majoring in petroleum, iron or radioactive minerals, to their country at government expense for a period of 3 to 4 months. During the stay of the students in Venezuela they would be assisted in every way by the Ministry of Fomento. Students selected from this department were Robert R. Scott and Ernest F. Glick. They reported a very profitable and interesting stay in Venezuela and each collected material for his master's thesis which they plan to complete by June, 1951.

Fred Major, undergraduate major student in geology, has proved that he can carry on geological studies as well as play football. No doubt you who have been listening to the home games will remember his outstanding handling of the pigskin.

Robert L. Kite, (BS '50, Univ. of Kansas), graduate student and parttime assistant, will leave us in February for study at University College, Wellington, New Zealand, for a year. He has been appointed to a Fulbright fellowship and will work with Prof. C. A. Cotton, noted geomorphologist. Bob plans to return to Urbana in February, 1952 to continue his work for the Ph.D.

Robert P. Brockhouse, BS '50, attended the Stanford University Hopkins Marine Station at Palo Alto, California, this past summer, and Richard S. Boardman, BS '48, attended Duke Univ. Marine Station at Beaufort, North Carolina.

LIST OF ALUMNI GEOGRAPHICALLY ARRANGED - U. S.

ARKANSAS

Eldorado — *Charles J. Hoke*, AB '37, chief geologist, C. H. Murphy & Co., 1st Nat'l Bank Bldg.

Magnolia — *Donald W. Sprouse*, (BS '49, Marshall) (grad. '49-50), Head, Department of Geology, State A. & M. College, A. & M. Rural Station

ARIZONA

Wickenburg — *Mrs. Frederick A. Shannon* (Ellen Jordan, AB '45; AM '50), 47 N. Tegner Street

CALIFORNIA

Bakersfield — *Jack M. Decker*, (BS '49, Redlands); MS '50, General Petroleum Co. - 124A Godey Road

Berkeley — *Adolf Pabst*, AB '25, (Ph.D. '27, California), Professor of Mineralogy, University of California, zone 4

Compton — *Robert L. Bremer*, BS '40, 1214 Peck Street

El Monte — *Mrs. Nicholas Tannaci* (Muriel C. Janicki, AB '42), 624 Potrero Ave.

Fresno — *Charles N. Beard*, (AB '35; AM '36, Indiana); Ph.D. '41, Fresno State Teachers College - 5540 Arthur Street

Huntington Park — *Dean C. Severance*, (ex '23), 6725 State St.

La Habra — *William P. Smith*, BS '49; MS '50, California Research Corp.

La Jolla — *Robert S. Dietz*, BS '37; MS '39; Ph.D. '41, U.S. Navy Electronic Laboratory - 8406 El Paseo Grande

Francis P. Shepard, staff '22-45, The Scripps Institution of Oceanography, University of California

Los Angeles — *Horace E. Collier*, BS '49, Paroid Sales Division, National Lead Co., 830 Ducommon St., zone 12

William P. Donahue, (ex '23), 2505 Second Avenue

Kenneth O. Emery, BS '37; MS '39; Ph.D. '41, Department of Geology, Univ. of Southern California, University Park - 3327 W. 132nd St., Hawthorne, Calif.

Mason K. Real, (BS '14, Denison); MS '16, Geology Unit, Los Angeles District, Corps of Engineers, Dept. of the Army - 739 E. Walnut St., Pasadena 4

Harold O. Sawyer, (ex '23), 2067 Holmley Avenue

William F. Wrath, BS '35; MS '36, Polsa Chico Oil Corp., Rm. 510, 555 S. Flower St.

Pasadena — *Robert P. Sharp*, Staff '38-44, Calif. Inst. of Technology

Rivera — *Rollin B. Pease*, AB '31, 9102 S. Manzanar Avenue

San Francisco — *Perry H. Graves*, AB '49, Captain, 8287 SU HG & HQ. Det., AGF Eniwetok, APO 187, % P.M.

James K. Milligan, BS '35, W. T. McKune Metal Products Co. - 222 Park View Ave., Piedmont 10

CALIFORNIA (continued)

Santa Barbara	*Mrs. Mortimer Andron* (Bettie Louise Teetor, BS '42), 3009 Lomita Road
Sharp Park	*Mrs. Edwin H. Weber* (Mary Hill, BS '44, Colorado) (Grad. '45-46)
Stanford	*Eliot Blackwelder*, (head of dept. '16-19), Head, Department of Geology, Stanford University, PO Box N
Stockton	*Allen W. Waldo*, AB '27; MS '28 (MS '32& Ph.D. '34, Harvard), Chairman of the Div. of Natural Sciences, College of the Pacific and Stockton College, zone 2
Taft	*Edwin S. Parker*, AB '43; (MS '47, Minnesota), geologist, Standard Oil of California, Exploration Department

COLORADO

Aurora	*Paul E. Lewis*, AB '40, Lt. in U.S. Air Corps - 11001 E. Colfax Ave.
Boulder	*William Back*, AB '48, graduate student at University of Colorado - 1125 - 10th St.
	Mrs. Wally Griffiths (Mary Oswald, staff '44-46), Instructor in Paleontology, Department of Geology, University of Colorado
	Howard B. Schwalb, BS '49, graduate student at University of Colorado - RR 2, McHenry, Ill. (home)
	A. W. Thurston, Office of County Commissioners
	A. S. Wilkerson, (ex '23-24), Department of Geology, University of Colorado
Denver	*David J. Kull, Jr.*, BS '48, Geologist, Shell Oil Company, 415 Denham Building
	William A. Newton, BS '35; MS '37, consulting geologist - 2879 Ivanhoe St.
	Howard L. Patton, BS '46; MS '48, The California Company - 930 Sherman, Apt. 107
	Howard F. Simpson, (AB '40, North Dakota); MS '42, USGS - 1200 Olive Street, zone 7
Durango	*Robert L. Painter*, BS '41, District geologist, Barnsdall Oil Co., 1114 - 4th Ave.
Fort Collins	*Robert W. Ellingwood*, (BS '42, Northwestern); MS '48, Department of Geology, Colorado State College of A. & M. Arts
Gilman	*Simeon L. Ostermeier*, BS '28, New Jersey Zinc Co. - Mechanicsburg, Ill. (perm.address)
Golden	*Francis M. Van Tuyl*, (staff '15-16), Colorado School of Mines
Grand Junction	*Jack W. Pierce*, BS '49; MS '50, The Pure Oil Company, Box 691
Idaho Springs	*Herbert T. Young*, AB '41, co-owner and Manager, Brooks-Young Mining Company, % General Delivery

CONNECTICUT

Middletown	*Bob B. MacGregor* (AB '36, Wesleyan); BS '40, Wesleyan Univ., PO Box 89
Norwich	*Mrs. John C. Lawless* (Dorothy L. Rasmussen, BS '46), 53 Pearl St.
East Haven	*Mrs. R. B. Beedy* (Dorothy Quirke, AB '42), 35 Green Gardens Ct.

DISTRICT OF COLUMBIA

Washington, D. C.

George P. Brown, AB '42, Army Map Service - 1914 Biltmore St., N.W., zone 9

George V. Cohee, BS '31; MS '32; Ph.D. '37, USGS, Fuels Division - 2630 Colston Drive, Rock Creek Forest, Chevy Chase, Maryland

Raymond A. Cramer, Jr., BS '50, U.S. Geological Survey - 5105 Yorktown Blvd. Arlington, Virginia

Maxim N. Elias, (AB '37, Kansas); AM '39, USGS, 18 th F., N.W. - 1132 S. Wakefield St. Arlington, Va.

William A. Fischer, (ex '40-41), USGS, Naval Oil Unit, zone 25

Ernest F. Fox, (ex '26), Department of State - 3135 Newark St., N.W., zone 8

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NEW JERSEY

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Silver City — *Harrison A. Schmitt*, (AB '21; MS '22; Ph.D. '26, Minn.) (graduate student, '22-24), Consulting Geologist

NEW YORK

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George D. Pinkley, (ex '24), American Museum of Natural History, zone 24

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NORTH CAROLINA

Raleigh — *Mrs. D. P. Way*, (Patricia K. Pape, ex '41), % North Carolina State College

NORTH DAKOTA

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OHIO

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TEXAS

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Robert J. Stockton, BS '49, % Department of Geology, Texas Technological College

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Midland

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Waco	*Stewart H. Folk*, (AB '36, Baylor; MS '38, S.U. Iowa); (graduate student, '42-43), Department of Geology, Baylor University
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VIRGINIA

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Blumont	*Carroll N. Roberts*, (AB '41, DePauw); (graduate student '41-42), U.S. Bureau of Mines, Special Minerals Branch
Yorktown	*Courtland T. Reid*, BS '40, Colonial National Historical Park

WASHINGTON

Pullman	*Harold E. Culver*, (Ph.B. '10 & Ph.M. '11, Wisc.; Ph.D. '23, Chicago), staff '19-20, Department of Geology, State College of Washington
Seattle	*Mrs. Larry Farnum* (Jeanne Seaman, BS '43), 9611 12th Ave., N.E., zone 5
	Mrs. Frank H. Larner (Verlee Billings, BS '48), 7516 E. Greenlake Way
	Richard L. Threet, BS '47; AB '47; AM '49, Department of Geology, Univ. of Washington
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WEST VIRGINIA

Morgantown	*Robert C. Smith*, BS '42, USGS, Ground-Water Division, Geologist-in-Charge
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WISCONSIN

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Shullsburg

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WYOMING

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Ralph E. Knipe, AB '27; MS '29, The Ohio Oil Company, Division Geologist, Rocky Mountain Division

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Laramie

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EUROPE

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Switzerland — *M. Hewett Billings*, (AB '29, Minnesota; MS '31, Pittsburgh); Ph.D. '34, General Manager, Union Carbide Europa, S.A., Rue de la Corrateria 6, Geneva

INDIA

Gilgit, Pakistan — *John Clark*, BS '31; (MS '32, Pittsburgh; Ph.D. '35, Princeton), % Political Agent

JAPAN

Arnold C. Mason, (BS '28, Yale), graduate student '41-42, USGS, Engr. Sec., GHQ, FEC, APO 500, San Francisco, California

Betty Moriwaki, BS '49, DAC, Natural Resources Section, CHG, SCAP, APO 500, % P.M., San Francisco, California

MEXICO

Juarez — *Stewart H. Folk*, (AB '36 Baylor; MS '38, S.U. Iowa); (graduate student '42-43), DeGolyer & MacNaughton, % Petroleos Mexicanos, Juarez 95 Desp. 208, Mexico, D.F.

SOUTH AMERICA

Venezuela

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Peru

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ACKNOWLEDGMENT

Again I wish to thank all alumni who have expressed pleasure in receiving the departmental news letters. Your cooperation by sending in bits of news about yourself, your family, or alumni of your acquaintance is greatly appreciated.

In the geographical listing of alumni, I have endeavored to indicate company affiliation, where known. In the near future I hope to have a listing of alumni by occupation, so please drop me a card in case such occupation is not indicated, or needs correcting.

I don't know of anything more appropriate as an ending to this news letter than the good old phrase, "Merry Christmas and a Happy New Year" from all of us in Urbana to all of you wherever you may be.

Sincerely yours,

Rosa M. Nickell

Rosa M. Nickell

ANNUAL NEWS LETTER

DEPARTMENT OF GEOLOGY

UNIVERSITY OF ILLINOIS

Urbana

December, 1951

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REPORT TO THE ALUMNI

To the Alumni of the Department of Geology:

This year's new feature of the Annual Newsletter is a listing of alumni by company or institution, in addition to the alphabetical directory. A preliminary office copy has already proved very useful here in many ways.

This year the department has as many students as last, altho the university enrollment has decreased slightly. We have more beginning students, fewer undergraduate majors, and 60 graduate students, the same number as last year.

The northwest corner of the basement of Natural History Building has been rebuilt, providing a general laboratory, three small storerooms, and two offices and two small laboratories for Doctor Grim and his students in clay mineralogy. The equipment for Doctor Grim's laboratories has been installed, including a G.E. X-ray spectrometer and several furnaces for differential thermal analysis. The new X-ray machine and our older one, are in constant operation - sometimes 24 hours a day.

As you read the newsletter you will see that staff and students are busy with field work and research of importance as well as with class work. Research funds come from a variety of sources. The total is very respectable indeed.

The industrial, government, and academic demand for our students is gratifying. Almost every man who will earn the master's or doctor's degree by August, 1952, is already under contract or has had several opportunities. Most bachelors intend to go on to graduate school. The trend is decidedly toward a master's degree requirement for employment.

Many of our students had excellent experience in summer employment in 1951, a trend we hope continues. We hope those of you concerned with employing men will carefully study this trend which allows a company to look over a man and allows the man to look over the company.

Our advice and suggestions are often sought for positions of importance requiring experience, training, and maturity. We consult the alumni files constantly. It is important for us to know not only your address but your title and something about your work. We are proud of the important places of our alumni.

I know you will join with me in high approval of Miss Nickell's 1951 newsletter. You may even want to write her a note about it and about your own recent activities.

Sincerely yours,

George White

GEOLOGY STAFF, 1951-52

Senior Staff:
G. W. White, professor and head of the department, F. W. DeWolf (professor emeritus), C. A. Chapman, professor, R. E. Grim, research professor, F. C. Foley, research professor, J. L. Hough, professor, H. W. Scott, professor, I. R. Wanless, professor, J. V. Harrison, visiting professor, A. F. Hagner, associate professor, Bernhard Kummel, associate professor, P. R. Shaffer, associate professor, D. M. Henderson, assistant professor, W. M. Merrill, instructor.

Fellows:
R. S. Boardman, University of Illinois, W. F. Weeks, University of Illinois, P. J. Byrne, National Lead Company, E. W. Tooker, Illinois Clay Products Company, J. H. Fisher, Shell Oil Company.

Junior Staff:
B. L. Berman (BS '51 Augustana)
J. A. Burgener (BA '51 Macalester)
J. J. Chapman (BS '41, MS '48 Colorado School of Mines)
J. B. Droste (BS '51 Illinois)
F. D. Etheredge (BS '51 Virginia Polytechnic)
Eugene Frund (BS '51 Marietta)
R. L. Fuchs (BS '51 Cornell Univ.)
N. R. Gadd (B.Sc. '46, Univ. Western Ontario; M.Sc. '48 Universite Laval)
Jayne Gray (BS '51 Radcliffe)
C. H. Hardie (BS '50 Texas Western)
J. C. Hathaway (BS '50 Colgate Univ.)
L. G. Schultz (AB '50 California Institute of Technology)
J. W. Shelton (BS '49 Baylor Univ.; MS '51 Illinois)
V. C. Shepps (BS '50 Franklin & Marshall)
D. B. Snodgrass (BS '50 Wooster)
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J. P. Wehrenberg (BS '50 Missouri School of Mines)
E. C. Williams (BS '50 Lehigh Univ.)

Office:
Rosa M. Nickell, Secretary, Mrs. Bonnie D. Hollandbeck, Clerk-Stenographer, Delores Hedrick, Clerk-Typist.

NEW APPOINTMENTS

Dr. John V. Harrison of Oxford University, England, was appointed visiting professor of geology for 1951-52. He is teaching courses in structural geology for undergraduates and graduates, and in petroleum geology for graduate students.

Doctor Harrison was educated in Edinburgh, Scotland, and took his bachelor's and doctor's degrees at Glasgow University. He has been university demonstrator and lecturer in geology at Oxford since 1938.

Doctor Harrison has made geological studies and detailed surveys in Iran, Borneo, Iraq, California, Trinidad, Peru, Venezuela, Columbia, Costa Rica, Honduras and Mexico. For nearly a decade he was geologist in charge of surveys for the Anglo-Iranian Oil Company, and is still a geological adviser to a large British petroleum company.

During the Summer of 1951, Doctor Harrison surveyed certain areas in Peru for the Peruvian government.

Doctor and Mrs. Harrison are living in one of the student-staff apartments.

* * *

Dr. Frank C. Foley, formerly USGS district geologist for Wisconsin, was appointed as Head of the Division of Ground-Water Geology and Geophysical Exploration for the Illinois Geological Survey, and part-time Research Professor of Geology, September 1, 1951.

Dr. Foley is devoting most of his time to directing geological studies of ground-water resources for the State Survey, but gives a part of his time to conducting a graduate seminar and directing the studies of graduate students in ground-water geology.

Dr. Foley received his bachelor's degree in physics from the University of Toronto in 1929 and his Ph.D. degree in geology from Princeton University in 1938. He has taught at Dartmouth and Princeton and has been State Geologist of North Dakota and Professor of Geology, University of North Dakota; Chief of field party, Newfoundland Geological Survey; and major, Corps of Engineers. In World War II he had charge of location of drilling sites for water supplies for Army installations in western Morocco and was in charge of both locations and development in Naples and Lehgorn areas in Italy, and was also in charge of rehabilitation of the Naples municipal water supply system. In 1949 he was consultant to General George C. Marshall, Chairman, American Battle Monuments Commission, to study and advise on plans for water supply for American military cemeteries overseas.

Doctor Foley and Mrs. Foley, with ten-year-old daughter Barbara, are living at 307 Flora Drive, Champaign.

NEWS OF PRESENT STAFF MEMBERS

Carleton A. Chapman spent most of the summer in Urbana writing up the results of his field studies in eastern Maine. He spent a few weeks in Maine during the latter part of the summer with John Wehrenberg and Eugene Williams who were engaged in field work during the summer on Ph.D. and M.S. thesis work respectively.

Professor and Mrs. Frank W. DeWolf sailed March 30, 1951, from New York City for a four-month trip through Europe. They toured France, Italy, Spain, Switzerland, and England by auto. They returned July 26. Professor DeWolf's excellent kodachromes and movies furnish a complete summary of their travels.

Ralph E. Grim, research professor, left on June 21 for a 3½ month visit to Australia and New Zealand. He was invited by the Commonwealth Councils of Scientific and Industrial Research of each of those countries to visit their research laboratories and to inspect their clay and industrial mineral industries.

Doctor Grim spent from July 1 to September 7 in Australia and Tasmania, and from September 8-30 in New Zealand. He traveled 12,000 miles by air around the margin of Australia and stopped at points of interest inland, consulting with geologists and engineers on major government projects and lecturing before important groups on problems of clay mineral research.

Included among 10 lectures given by Dr. Grim on the trip were scheduled invitations at the University of Western Australia, Perth, University of South Australia, Adelaide, Royal Society of Tasmania, Royal Society of New Zealand, Wellington, School of Mines, Dunedin, New Zealand, and the annual lecture of the Cawthorn Reasearch Institute, Nelson, New Zealand.

Dr. Grim found the Snowy River Project which is tunneling through the Australian Alps comparable to the United States' Grand Coulee or Boulder Dam. In New Zealand, where projects were not quite as large, he inspected a series of six hydro-electric dams. The latter country has a unified Department of Scientific Industrial Research that Dr. Grim found well organized and efficient.

As a result of his trip, the Commonwealth will send men to the University of Illinois to study clay and soils techniques.

Dr. Grim spent three weeks of his trip with his former student, Dr. A. L. Ferguson, Commonwealth Fellow at Illinois from 1948 to 1950, who received his Ph.D. in geology in 1950, and who is now a research officer with the CSIRO.

Dr. Grim has the first draft of a book on "Clay Mineralogy" typed. He hopes to have this book published within the next year.

Arthur F. Hagner continued his field studies for the USGS in the Laramie Range, Wyoming during the summer.

Donald M. Henderson spent the summer in geologic field study and in preparation of material for publication. During the latter part of July he investigated an iron oxide-silicate deposit near Glen and Jackson, New Hampshire. During August he studied a manganese deposit near West Cummington, Massachusetts. During the remainder of the summer he continued work on papers dealing with his extensive researches of the Crawford Notch quadrangle, New Hampshire, and compilation and preparation of material for a book on mineralogy.

Jack L. Hough continued work on the Great Lakes under Office of Naval Research grant, working in cooperation with Fish and Wild Life Service. One of the most significant results of the summer's work was the discovery of evidence for a new low water stage of Lake Michigan at which the lake level stood at about 350 feet below the present day level.

He conducted the two-week field course in the Baraboo, Wisconsin region after the regular term of school was completed. *Norman Sohl*, graduate assistant, served as part-time assistant in the course.

Doctor Hough continues as editor of the "Journal of Sedimentary Petrology".

Berhnard Kummel returned to the campus in September after leave of absence the second semester. He spent the period of February to September in England. He spent most of his time at the British Museum of Natural History studying their collections of Triassic ammonites and Mesozoic nautiloids. This work was of the nature of basic background studies for the preparation of chapters on these two fossil groups for the forthcoming "Treatise on Invertebrate Paleontology". In England he was closely associated with Dr. W. S. Arkell and Mr. C. W. Wright, co-authors of the ammonite chapter for the Treatise.

The Kummels also spent three weeks in Denmark attending the Scandinavian geological conference which included field trips to the island of Bornholm and to Jutland. Three days were spent in Oslo, Norway, as the guests of the Oftedahls, visiting the geologists of the Geological Survey and University.

William M. Merrill was again associated with Doctor Wanless in conducting our geology field station at Fort Lewis, Colorado. After the field course was over, he and Doctor Wanless spent three weeks in intensive search in the southwest for data to test out a comparatively new theory that numerous changes in rock succession in vertical sequence in the Pennsylvanian of the southwestern United States results from world wide eustatic changes in sea level. They presented a paper at the GSA, November meeting in Detroit on this subject.

Harold W. Scott spent most of the summer in Urbana on laboratory and office research. Doctor Scott is chairman of the Society of Economic Paleontologists and Mineralogists Research Committee for 1951-52. He is organizing a program for the Symposium to be held at the Los Angeles meeting in April, 1952, and aiding in fostering and encouraging research within the fields of paleontology and sedimentology.

Paul R. Shaffer, assisted by *Vincent Shepps*, graduate student, continues studies started earlier in northwestern Illinois and eastern Iowa for the Illinois Geological Survey and the Iowa Geological Survey. These studies are concerned primarily with Tazewell and earlier drift sheets of the Pleistocene.

Doctor Shaffer was elected President of the Association of Geology Teachers, and is on the editorial committee of the new "Journal of Geological Education".

Harold R. Wanless devoted most of the summer to the Colorado field camp on the campus of Fort Lewis A & M College near Durango, Colorado. He was assisted by *Doctor Merrill*, *Doctor Donald R. Chapman* of New Hampshire, and *Robert Zirkle*, graduate assistant. He reported a very successful summer course.

At the annual meeting of the Association of Geology Teachers in Indiana in March, 1951, Doctor Wanless was named editor of a newsletter to be circulated among 80 to 100 colleges in eight midwestern states under the auspices of the Association. Doctor Wanless has assembled information about staff members, research projects and instruction offered for the 1951-52 school year in each of the contributing institutions. The newsletter will be distributed sometime in December.

Dr. Wanless prepared a paper which was presented for him by Jack Simon at the International Carboniferous Congress in Heerlen, Holland in June on an interpretation of Pennsylvanian marine sediments in the southwestern United States.

George W. White spent the summer in Ohio continuing his studies of the glacial drift of the northwestern part of the Appalachian Plateau in northeastern Ohio for the USGS, Ground-Water Branch. He was assisted for a short time only by *Herbert Stewart*, graduate assistant. Herb was recalled to active duty in the Air Corps.

Dr. White spent several days in the St. Lawrence valley with Nelson R. Gadd, geologist on the Canadian Geological Survey and graduate student at Illinois, inspecting the Beauharnois area which Mr. Gadd is investigating for the Survey. The study of the Pleistocene deposits there, which indicate a far more involved glacial history than hitherto known, is also his Ph.D. thesis.

This year Dr. White is chairman of the University Library Committee, chairman of the Graduate College Fellowship Committee, member of the Executive Faculty of the Graduate College and of the L.A.S. College Building Committee. He is vice-president of the AAAS and chairman of Section E (geology and geography).

LECTURES

Dr. W. W. Rubey delivered an address on "The Development of Odean and Atmosphere" on February 8, under the joint sponsorship of the U. I. Department of Geology and the State Geological Survey. Doctor Rubey is research geologist with the USGS, and a past president of the GSA.

Dr. S. W. Tromp spoke on "The Use of the Divining Rod" on March 15. Doctor Tromp is a native of Holland and is geological consultant to the United Nations Mission to Afghanistan. He was formerly Professor of Geology at Fouad I University, Cairo, Egypt, and has worked for the Turkish Government on oil development. Doctor Tromp visited the Illinois Geological Survey to study their work in ground water and geophysical exploration.

Dr. Edmund M. Spicker, chairman, Department of Geology, Ohio State University, and geologist, USGS, spoke on "Mountain-building Chronology and the Nature of the Geologic Time Scale" on May 8. Doctor Spieker's AAPG lecture tour did not include Urbana in his itinerary, but the Department made special arrangements for his appearance on the campus.

Professor George W. Tyrrell of the University of Glasgow spoke on November 16 on "The Scoto-Irish Tertiary Igneous Region in Relation to Greenland and Iceland". Professor Tyrrell attended the GSA meetings in Detroit at the invitation of the Society and the Mineralogical Society and presented a paper on "The Distribution of Igneous Rocks in Space and Time". Professor Tyrrell accepted invitations from several midwestern universities to visit their campuses and talk to their students.

CYCLOTHEM CLUB

The officers of the Cyclothem Club for the school year 1951-52 are as follows: Charles Dellenback, president; Ronald F. Wright, vice-president; Wilford Weeks, secretary-treasurer; Jack L. Hough, faculty adviser.

The fall picnic was held October 6. While the weather was not ideal, every one reported a good time.

GEOLOGICAL COLLOQUIUM

In order that graduate and advanced undergraduate students might become more familiar with the work of staff members and other students, a series of colloquia for the staff and students was organized. The meetings are held in the Unitarian Church during the noon hour. Time permitting, a short discussion is held after each talk.

MEETINGS ATTENDED

American Institute of Mining and Metallurgical Engineers:

On February 19-21, 1951, the annual meeting of the AIME and Society of Economic Geologists was held in St. Louis. Doctor White served as chairman of a section on Ground-Water Geology. Doctor Grim was section chairman of a symposium on clay structure and properties.

American Association of Petroleum Geologists and Society of Economic Paleontologists and Mineralogists:

The annual meeting of the AAPG and SEPM was held in St. Louis, April 23-26, 1951. Doctor Grim presented a paper on "Depositional Environment of Red and Green Shales". Doctor Hough and Doctor Scott each presided at sessions of the meetings, assisted by Kenneth Emery, Ph.D. '41, and E. C. Dapples. Present staff or former Illini who were officers, speakers, or chairmen follow: M. K. Elias, K. O. Emery, Ralph E. Grim, J. L. Hough, K. K. Landes, H. W. Scott, G. M. Sowers, H. N. Toler, Carl Tolman, C. W. Tomlinson, Doris Nodine Zeller, and E. J. Zeller.

Doctor Scott was in charge of the alumni luncheon arrangements from the campus and Carl F. Pampe, '41, Pure Oil Company, was general chairman and directed arrangements for the luncheon in St. Louis. Those present were:

Gerald K. Anderson	Max C. Firebaugh	William C. Pampe	Phil. Walcott
Arthur Beven	Allan Gutstadt	Frank Rhodes	L. R. Willman
Richard Boardman	Stewart H. Folk (guest)	Andy Sestak	George M. Wilson
George V. Cohee	V. E. Hanes	Max Silverman	Robert Zirkle
Earl Cockrum	James Hollowell	Donald Snodgrass	
Howard Cramer	George Heckman	John Shelton	J. L. Hough
Martin J. Deuth	Fred Kern	B. B. Spaulding	W. M. Merrill
Kenneth O. Emery	Karl J. Koenig	Fred Schroeder	H. W. Scott
Larry J. Finfrock	Walter Locker, Jr.	D. W. Sprouse	H. R. Jaaless
Carl Hoffman	James Leonard	Steve Templeton	G. W. White
Dale C. Finley, Jr.	Tom Nolan	Robert Terry, Jr.	Ralph E. Grim
Castle Harvey	Carl F. Pampe	Henry N. Toler	

Others at the meeting but unable to attend the luncheon were: Mr. and Mrs. Claypool and Dr. and Mrs. Arle Sutton.

Geological Society of America:

The annual meeting of the GSA was held in Detroit, November 8-10, 1951. Present members of the staff who presented papers were: Doctors Grim, Merrill, Wanless and White.

Doctor Scott was in charge of the alumni luncheon arrangements from the campus and Robert V. Kesling, Ph.D. '49, of the University of Michigan, was general chairman and directed arrangements for the luncheon in Detroit. Those present were:

Bud Adams	Robert V. Kesling	Robert C. Smith	A. F. Hagner
Allen F. Agnew	Bob Kosanke	Norman F. Schl	J. V. Harrison
Charles F. Bassett	Frank Koucky	Charles H. Summerson	J. L. Hough
Arthur C. Bevan	Haydn H. Murray	Charles W. Tomlinson	R. Karpinski
Richard S. Boardman	Adolf Pabst	Edwin W. Tooker	E. Kummel
W. F. Bradley	Russell S. Poor	W. Arthur White	W. M. Merrill
Clarence V. Crow	Martin Rhodes	George M. Wilson	H. W. Scott
Bob Dieub	James M. Schopf	Mrs. C. A. Chapman	P. M. Shaffer
Raymond C. Gutschick	Jack A. Simon	Mr. & Mrs. F. W. DeWolf	H. R. Wanless
Jack E. Harrison	Paul K. Sims	F. C. Foley	G. W. White

Other meetings attended:

Professors Wanless and Shaffer attended the annual meetings of the Central Division of the Association of Geology Teachers, March, 1951, in Greencastle, Indiana. Professor Shaffer, as president of AGT, presided at the business session. Doctor Wanless gave a paper on the use of three dimensional photographs in teaching.

Doctor White and Doctor Shaffer attended the second annual field conference of Friends of the Pleistocene, May 12-13, 1951, in southeastern Minnesota. They also attended the Great Plains Pleistocene Field Conference in South Dakota, Nebraska, and Kansas, in June, 1951.

The Illinois Academy of Science meeting was held in Bloomington, Illinois, May, 1951. Those who attended from the staff were: Chapman, Merrill, Wanless, White and Henderson. Papers were given by Chapman, Henderson, and White.

Those who attended the Tri-State Field Conference in Iowa, Oct. 12-14, 1951, were: Hough, Merrill, and graduate students Zirkle, Voris, Sestak, and undergraduate students Lloyd, Lieb, and Dellenback.

Doctor Hough attended the Wild Life Conference in Ohio, December, 1950.

Doctor Shaffer, Secretary of the Illinois State Academy of Science, met with the Council in Chicago, October 13-14, 1951.

Doctor White attended the AAAS meetings in Cleveland, December, 1950, and presented a paper on "Influence of Wisconsin Glacial Stages in Northeastern Ohio on Soil Group Boundaries" at the joint Symposium of the Agriculture and Geology sections.

At the invitation of the Indiana University, Geology Department, Doctor White gave a talk on "Geology in the American Colonies" before their geology seminar on April 2, 1951.

On May 2, 1951, Doctor Wanless addressed the Sigma Xi group at the University of Notre Dame. He gave a talk before the Geology Department at Northwestern University on February 20, and the University of Wisconsin on February 22, 1951. He spoke before the central Illinois section of the American Society of Civil Engineers in Urbana, January 11, on "Geological Phenomena" illustrated with colored slides and three-dimensional views.

* * *

Many of you will be interested in the following comment from Doctor Scott, chairman of the department alumni committee, in a report to Doctor White early in May, 1951:

"This is a brief report on the activities of the Department of Geology alumni during the last six months. The alumni held a luncheon and meeting at Hotel Statler, Washington, D. C., in November, 1950, at the time of the annual meeting of the Geological Society of America. There were 47 in attendance. Most of them were from states east of the Mississippi River. They represent men in various industrial, academic, and research positions.

"A luncheon meeting was held in April, 1951, in conjunction with the American Association of Petroleum Geologists annual meeting in St. Louis. Fifty-three people attended the luncheon. They were, for the most part, from Illinois and the southwestern states.

"It is my impression that our alumni are becoming a well-organized group. You might be interested to note that the two meetings mentioned above were the largest alumni groups assembling in formal meeting from any university attending either of the annual meetings. I noticed on the bulletin board that the number of alumni from other universities ranged from twenty to thirty.

"I am sure that you are well aware of the success of many of our alumni. Their positions range from chief geologists of great oil corporations, college presidents, college and university professors, including department heads, to the youngest man who is just starting his career."

EXHIBITS

A fourth diorama has been added to our collection of displays in the south corridor of Natural History Building showing a scene of the Marine Devonian.

* * *

GRADUATE STUDENTS IN GEOLOGY
1951-1952

Origin		Highest Degree Earned		
University	No. of students	AB/BS	AM/MS	Ph.D.
Univ. of Alberta	1		1	
Augustana	2	1		
Univ. of Arkansas	2		1	
Bates College	1			
Baylor College	1			
Calif. Inst. Tech.	1	1		
Coe College	1			
Colgate Univ.	1	1		
Colorado Sch. Mines	1		1	
Cornell Univ.	1	1		
Univ. of Chicago	1			1
Franklin & Marshall	1	1		
Illinois	22	16	10	
Iowa			1	
Lawrence College	1	1		
Lehigh University	1	1	1	
Macalester College	1	1		
Marietta College	1	1		
Marshall College	2	2		
Massachusetts	1		1	
Missouri Sch. Mines	1	1		
Monmouth College	2	1		
Univ. of North Carolina	1	1		
Princeton University	1	1		
Radcliffe College	1	1		
Rice Institute	1	1		
St. Louis University	1	1		
Syracuse University	1		1	
University of Texas	1		1	
Texas Western College	1	1		
Universite Laval			1	
Virginia Polytechnic Inst.	1	1		
Univ. Western Ontario	1			
Wheaton College	1	1		
University of Wichita	1	1		
College of Wooster	2	1		
University of Wyoming			1	
	60	39	20	1

States represented	No. of Institutions represented
Arkansas	1
California	1
Colorado	1
Iowa	2
Illinois	5
Kansas	1
Maine	1
Massachusetts	2
Minnesota	1
Missouri	2
New Jersey	1
New York	3
North Carolina	1
Ohio	2
Pennsylvania	2
Texas	4
Virginia	1
West Virginia	1
Wisconsin	1
Wyoming	1
20 states	34
Canada	3
	37

MARRIAGES REPORTED

James C. Bandy and Cordelia Slusher, November 22, 1950.

Margaret Ann Hayes and George Bargh, November 17, 1951.

W. Farrin Hoover, and Ruth Draper, June, 1951.

Raymond F. McAllister, Jr., and Joan Margaret Simonson, September 1, 1951.

Ernest H. Muller and Wanda Custis, April 7, 1951.

Robert B. Scott and Joanne Helen Leland, March 10, 1951.

Jack Threet and Catherine Irene Hall, April 24, 1951.

BIRTHS REPORTED

CARL, son of Virginia and Jack Ames, born 1950.

SHARON LEE, daughter of Windle and Mariam Arms, born January 15, 1951.

WILLIAM RICHARD, son of Richard and Phyllis Boardman, born May 24, 1951.

MARTHA ANN, daughter of John and Dorothy Chapman, born August 24, 1951.

CHRISTINE LOUISE, daughter of Mr. and Mrs. Lester Clutter, born Sept. 9, 1950.

BARBARA JOY, daughter of Mr. and Mrs. Nelson Gadd, born December 5, 1950.

ROBERT WILLIAM, son of Dr. and Mrs. Don Henderson, born December 20, 1950.

LINDA CAROL, daughter of Paul and Muriel Kratz, born April 7, 1951.

JUDITH ANN, daughter of Louisa and Jim McDivitt, born November 4, 1951.

DEBORAH JEAN, daughter of Mary Louise and Fred Major, Jr., born July 17, 1951.

SARAH RUTH, daughter of Wayne and Ethel Moore, born August 27, 1951.

MARILYN MARIE, daughter of Haydn and Juanita Murray, born February 24, 1951.

DOUGLAS ALAN, son of Mr. and Mrs. Sam Patterson, born December 4, 1950.

ROBERT DAVID, son of Ray and Betty (Pretzer) Ball, born September 30, 1951.

BRUCE FREDERICK, son of Mr. and Mrs. Donelson A. Robertson, born May 2, 1951.

MITCHELL ROBERT, son of Robert and Martha Urash, born December 18, 1950.

GREGORY PHIL, son of Mr. and Mrs. Hugh Walk, born November 11, 1950.

STEVEN ERIC, son of Marilyn and Dick Weart, born December 13, 1950.

FREDERICK ALAN, son of Fred and Nancy Williams, born May 24, 1951.

* * *

NEWS OF ALUMNI AND FORMER STAFF

Joe, BS '41; MS '42, and Phyllis Alexander were transferred to Fort Worth, Texas, in August, 1951. They have purchased a house on a large lake front lot on Lake Worth, 12 miles from town and are enjoying it very much. Phil goes into town to school. Joe is in and out of the Fort Worth , the Amarillo and Wichita Falls offices.

Rusty Bell, BS '36, formerly of Lima, Peru, now with International Petroleum Company, Talara, Peru, visited the department in September. Rusty is now manager of the exploration department. It was interesting that at a luncheon with four of the department members, two members, Dr. J. V. Harrison, visiting professor, and Dr. Bernhard Kummel, had had considerable experience in Peru and found that Rusty and Mrs. Bell were mutual friends of many of the people they knew in Peru.

John E. Carlson, BS '49, received the master's degree in June, 1951, from the University of Idaho. John is now working for USGS in Platteville, Wisconsin under the supervision of Allen Agnew.

Mrs. Lester Clutter and daughter, Christine Louise, visited the department on Homecoming, November 10. Lester is with Gulf Oil Corporation, and they are now living in Durango, Colorado.

Horace E. Collier, BS '49, visited the department in August. He is with Baroid Sales Division, as engineer in charge of their plant at Malvern, Arkansas. He reports that he is enjoying his work very much, and finds Arkansas an interesting geological region. He is located in the Magnet Cove region and would be glad to show anyone around the region, and through their strip mine.

James C. Condon, AB '38, writes that he is exploration manager of Imperial Petroleum Company. His company is engaged in exploring for and producing oil in the Mid-Continent. They moved into a new home last November. James and Maxine have three daughters, ages 10, 6 and 2½. Note their new address in the alphabetical listing.

John Deibel, AB '48, stopped in at the office in January and reported that he has moved to Tulsa, Oklahoma, but is still with the National Associated Petroleum Company. He reported that Dave Brierley, BS '49, is also with the same company in Tulsa. Bill Harris, BS '48, formerly with the same company, has accepted a position with Oil Management, Inc., located in Mt. Vernon. John had also been to Houston where he saw Bill Irvin, BS '47; MS '48, and Dick Weart, Ph.D. '50. He reported that Bill was going to the University of Washington for the coming year.

Dr. Harmon E. Eveland, Jr., who received his Ph.D. in June, 1950, accepted the headship of the Geology Department at Lamar State College of Technology, Beaumont, Texas, as of September 1, 1951. Previous to this he was assistant professor of geology at the University of Tennessee. He recently reported that he is enjoying his work very much in Texas.

Julius W. Fiebig, BS '48, is flight instructor at the newly activated Wichita air base. Prior to the Wichita assignment, Captain Fiebig was a radar instructor at Keesler air base in Mississippi and an airport engineer in Guam.

A note from Martha and James Gaebe, BS '46, to Doctor Wanless last Christmas informed us that they have a new home in Ponca City, Oklahoma. Martha was busily engaged in writing for the local radio station.

We are very happy to report that Nancy Girhard, BS '46; MS '48, is well on the way to recovery, and we hope she will soon be back on the job again. She is able to do some work for the laboratory such as German translations, card indexing, and such.

Word has been received from Benjamin Grote, MS '34; Ph.D. '49, that he has been recalled to active duty in the Air Force; and is located in New York.

Gene Hanes, BS '39; MS '40, visited us in March. He was then in Dallas, Texas, with the Magnolia Petroleum Company. He gave us news of former Illini.

Jack Harrison, Ph.D. '51, writes from Colorado that they haee purchased a home in Lakewood and are preparing to settle down in their first real home. Jack reports that Paul Sims, MS '42, is also with the Reconnaissance Branch of the USGS working in Denver and Washington, D.C.

Marian and Bill Irvin wrote that Bill was planning to begin his studies for the Ph.D. during the summer of 1951 at the University of Washington.

Fred Kern, BS '48, formerly with Creole Petroleum Corp., in Venezuela, visited the department in January, 1951. He had applied for a transfer back to the states and is now working in southern Illinois for Carter Oil Company.

Bob Kesling's Ph.D. thesis "The Morphology of Ostracod Molt Stages" has been published by the University of Illinois Press. It represents the most comprehensive study ever made of the shell structure and morphology of an ostracod.

Mrs. Paul Kratz (Muriel) resigned on March 7, 1951. Paul received his master's degree in June and after spending the summer in Champaign in Doctor White's house, they, Muriel, Paul and Linda, left for Granite City, Illinois, where they are now at home. Paul is teaching in Madison, Illinois. Paul and Muriel visited with friends in Champaign-Urbana November 3 and attended the Illinois-Michigan football game. 7-10 in favor of Illinois, in case you have not heard.

We were happy to have Robert Kraye, MS '48, visit the department in late September. Bob was on vacation.

Robert D. Knodle, BS '47; MS '48, assistant geologist at the Survey, was called for a year of military service as a reserve officer.

Robert B. Lamb, BS '47; MS '48, was vacationing in Champaign-Urbana in October. He is with Atlantic Refining Company as geologist and is now with their office in Bismarck, North Dakota.

Wally Lynch, BS '47; MS '48, visited us in October. He is with Carter Oil, located in Tulsa, and seems to be enjoying his work very much. Wally had formerly been area geologist in charge of Kansas and Michigan work.

Louis McCabe, BS '31, MS '33, Ph.D. '37, has been advanced to a top ranking post in the U.S. Bureau of Mines. He will direct and coordinate scientific research and experimentation in coal, synthetic liquid fuels, petroleum and natural gas, with the title of Chief of Fuels and Explosives Division.

Mrs. D. B. May (Patricia K. Pape, Ex '41) writes that after December 15 her address will be: % Major D. H. May, USAF, Section JBUSMC, APO, 676, % P.M., New York, N.Y.

Paul A. Mescher, BS '49 (MS '51 University of Wyoming) is now working for Skelly Oil Company and is located in Wichita, Kansas.

Wayne E. Moore, BS '46 (MS '48 and Ph.D. '50 Cornell) of Virginia Polytechnic Institute visited the department in August. It had been ten years since Wayne had been on the campus and he found many changes.

Bill Oesterling, BS '43; MS '49, wrote us at Christmas time that he had received his orders to report back to the Army on March 3. We would be glad to have word of his activities.

Wm. A. Oliver, Jr., BS '48, (MS Cornell University) is continuing work at Cornell for the Ph.D. and is doing some writing. American Journal of Science, October, 1951, carries his important paper on "Middle Devonian Coral Beds of Central New York".

Jack W. Pierce, BS '49, MS '50, spent part of his fall vacation in Urbana-Champaign visiting friends in the department and elsewhere.

The late Doctor T. T. Quirke's popular article on "Canoes and Canoemen" illustrated by attractive sketches by Professor Bradbury of the Department of Fine Arts will be published early next year by the University of Illinois Press.

Richard Rapp, BS '49, visited us in June and reported that he is with his father in business - the Morton Pottery Company. Dick was working up a mineral collection, and Betty Moriwaki, who is stationed in Japan, and Bill Lacy in Peru, each had promised to send him some specimens.

Vilas C. Rice, BS '41, writes that he has now opened a law office in Carthage, Illinois. They have two daughters, Cathy and Judy, age 1 and 4 respectively.

Howard. G. Schwalb, BS '49, visited us during the Christmas vacation last year. He attended graduate college at the University of Colorado and had completed work for the master's degree with the exception of writing a thesis. Howard also visited the department early in October of this year.

Jack Simon, AB '41, MS '46, attended conferences in the Netherlands on "International Conference on Carboniferous Stratigraphy and Geology" at Heerlen, June 25-30, followed by a post-conference field trip July 2-4, followed by another conference on July 5 to 13. Following the latter conference Jack went to Paris, France for a visit with his brother, Robert. He spent some time in July and August in Western Europe, visiting coal laboratories, especially in Germany, France, and England, and returned to the states around August 20, 1951.

Bob Scott, MS '51, is enjoying his work with Texas Company immensely. Part of his work included mapping an area in the Santa Ana Mountains. Besides attending to his mapping problems we understand he takes time out to be more or less "friendly" with the local snakes in the area.

Ellen Jordan Shannon reports that Fred has been sent to Korea with the medical corps, and she is attending the University of California in Berkeley.

A note from Henry E. Sneed, MS '50, informs us that he is now teaching at Carbon College, Price, Utah. This is a junior college located about 120 miles southeast of Salt Lake City in the center of Utah's coal fields. He teaches geology, surveying and engineering drawing.

Bob Surratt, BS '50, visited us early in January and reported that he was on his way to Ankara, Turkey, where he would be working with Metcalf, Hamilton, Grove Construction Company.

Irwin L. Svoboda, BS '50, visited the department Homecoming weekend, Nov. 10. Score: Illinois 40 Iowa 13. It was a perfect day after a heavy snowstorm of 8 inches earlier in the week.

Word has been received from Bill Tesch, BS '49, that he had been working at Rifle, Colorado, for the Oil Shale Demonstration Plant, Bureau of Mines, as geologist, and had previously been working as draftsman before his promotion. He was hoping for a transfer to USGS.

Ed and Doris Zeller visited the department in January and reported that Doris was getting her MS degree in February, and Ed would get his Ph.D. in June from the University of Wisconsin. They both received theis BS degrees here in 1946.

We believe the following reprint from the CLEVELAND PLAIN DEALER regarding the activities of Dr. John Clark, BS '31 (Ph.D. Princeton '35) will be of interest to many alumni.

"AMERICAN IS SHEPHERD OF HIMALAYAN PEOPLE

GILGIT-- Dr. John Clark of Glen Ellyn, Illinois, is making a 2500-mile round trip to get his passport renewed. He is traveling by train, bus, plane and pony back. His destination is Karachi, Pakistan, capita on the Arabian Sea, where America has an embassy equipped with the things they need to stamp passports. H will return to Hunza, a Himalayan kindgom, tributary to Pakistan, adjacent to Communist Sinkiang or Chines Turkestan and within cannon shot of the Soviet Union's Tajik republic. Hunza is not equipped to stamp a passport. Hunza is barely equipped to fry an egg.

"For Dr. Clark, a geologist, this is a routine trip. He is not worried about the passport. he is worried about the half-dozen boys in his wood-carving school in Baltit, the capital of Hunza, 70 miles from here.

"Are they attending to their work in his absence? Are they studying their Pakistani school lessons at night by the single candle his budget allows? Are they catching cold in the drafty castle room which serves as school-room and home?

"THIRD OF A SERIES

"The 500-year-old castle, no longer the royal residence of His Highness Nohammed Jamai khan, Mir of Hunza, is on a hill that wobbles like a willow wand when earthquakes come.

And the other people of Hunza? Who is giving them aspirin for their headaches and prescribing for their dysentary? Are they taking their vitamin pills? Who is counting their pulses and looking at their tongues?

"PLENTY OF WORRIES

"Dr. Clark worries about his field assistants. He fears they have forgotten to tie the pony packs with two half-hitches and that they will slip off and plunge to a nullah bed a thousand feet below the trail, fate of many a central Asiatic pack, barring those tied on by canny Turks.

"He fears they have forgotten that a pack horse is to be led, not driven like a donkey. A driven pack horse weaves from side to side, banging his load against cliffs and boulders. Cameras and scientific instruments do not survive such treatment. Neither do tins of kerosene oil, a commodity as dear as whiskey in the himalayas and rather more useful.

"All these teachings and ministrations and many more, are germane to Dr. Clark's mission, which is to bring to Hunza a sort of vest-pocket Point Four without benefit of public funds.

"They are unrelated to his main full-time job, which is finding minerals for the Pakistan Government, especially minerals which can be used in developing small industries among the Hunzas and other hill peoples.

"CAPTAIN KEEPS HIS WORD

"During the big war Dr. Clark was sent by our army to reconnoiter a supply route across central Asia. It was to supplement the Burma road in supplying China.

"Among adventures which would fill a bedside shelf of travel books, Clark fell ill of blood-poisoning at Kashgar in Sinkiang. The hospital there, though short of medicament, scraped up enough to cure him. He promised the Turki doctor he would bring back enough to replace it and then some.

"Capt. Clark kept his word. After the war he brought a supply of medicines through here. It was a time of troubles in Sinkiang, and he had to dodge Chinese Nationalist forces for 200 miles to get to Kashgar and make delivery.

"After some days in Chinese custody he was nudged across the border and told not to come back. he was persona non grata to the Communists also, and the door to Sinkiang was permanently barred.

"ONE-MAN EXPEDITION

"But Clark had organized the Central Asiatic Research Foundation, with headquarters at Pittsburgh where he had been on the staff of the Carnegie Institute. Its purpose is to study regional problems and help the people solve them, chiefly by teaching them to make better use of their own resources. The project was designed for Sinkiang, with Clark as a one-man field expedition.

"Athwart the caravan track over Mintaka Pass to Sinkiang lies Hunza. Dr. Clark looked about and decided its people needed the services he and his Foundation could supply. With the permission of the Pakistan government, which now has suzerainty over Hunza through its agency at Gilgit, he went to work.

"An agreement requires him to turn over all mineral information to Pakistan, though he gets no subsidy from any government. Intensive exploration has yielded no spectacular finds, but some of them will be locally useful, which is what Clark is after.

"School children up here use slates imported from Europe. Clark found an outcrop of slate which will save the villagers many rupees a year. He also found a deposit of garnets which will supply a tidy sandpaper factory. Both of these industries will be the sort of small-scale affair, with slight capital outlay, which the area needs.

"PILLS FOR HYPOCHONDRIACS

"As a qualified first-aid man Clark is the nearest thing to a medico the Hunza people have. They come to him with all their many ills, and he has learned to know them well, regarding them with a sort of exasperated affection. Some have even become hypochondriacs. These get sodium bicarbonate pills.

"He will not admit it, but Dr. Clark is probably the leading authority on the geography and geology of this region. Holder of a Princeton Ph.D., he cultivates humility by recalling the time he was tagged illiterate because he could not read Chinese.

"This intrepid character once received his mail while picking his way across a glacier. For the past three weeks, before taking the three-day pony trail to Gilgit where the plane comes in, he has walked barefoot daily in the snow, just because the Hunzas do. A slight wispy man of 41, with sandy mustache and G.I. glasses, he looks more like an earnest bank clerk than a member of the Explorers' club.

"John Clark is a rare bird. A modern Robert Burton or Arminius Vambery. A latter-day Lawrence of Arabia. And something of a modern St. Francis of Assisi. When he reads this, his dearest wish will be to stuff the writer down a crevasse in one of his Himalayan glaciers."

* * *

PARTIAL LIST OF ALUMNI BY OCCUPATION

ADMINISTRATION

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
Howard A. Meyerhoff, AB '20

GEOLOGICAL EXPEDITION IN PAKISTAN
John Clark, BS '31

OAK RIDGE INSTITUTE OF NUCLEAR STUDIES
Russell S. Poor, Ph.D. '27

PETROLEUM ENGINEERING MAGAZINE
K. Marshall Fagin, AB '30

CONSULTING

CONSULTANTS

Mrs. Margaret Fuller Boos, staff '49
Clifton W. Clark, Ph.D. '17
C. Burns Claypool, Ph.D. '33
Max Wm. David, BS '35
Leo R. Fortier, AB '24
Melville W. Fuller, AM '33
John Huner, Jr., BS '34
Luther E. Kennedy, Ph.D. '20
Harry S. Kilian, MS '32
John L. Lester, MS '39
Edwin L. MacVeigh, MS '32
William A. Newton, MS '37
John Potsch, BS '38
Harrison A. Schmitt (ex '24)
William C. Schmitz, AB '41
Cloyd M. Smith, MS '28
H. C. Spoor, Jr., AB '26
C. W. Tomlinson (ex '18)

DRILLING COMPANIES

ADDISON DRILLING COMPANY
Tom R. Parker, MS '33

CLARK DRILLING COMPANY
William G. Hady, BS '45

C. J. SIMPSON COMPANY
James Hallowell, BS '51

WILL I. LEWIS DRILLING COMPANY
Lewis L. Tuck, BS '40

ECONOMIC GEOLOGISTS

BALTIMORE & OHIO RAILROAD
John A. Ames, MS '50

EDWIN F. BUSHMAN COMPANY
Edward Bushman, BS '41

CARL BAYS & ASSOCIATES
Clarence Vernon Crow, BS '51
Martin M. Rhodes, BS '49
Robert N. Urash, (Ex '45-46)

CENTRAL COMMERCIAL COMPANY
David M. Larrabee, MS '36

DIVISION OF BUILDING RESEARCH (Australia)
John Alexander Ferguson, Ph.D. '50

DU PONT, INC.
Robert Mann Grogan, (EX '38-39)

INLAND STEEL COMPANY
Robert H. Kennedy, BS '40

W. T. MC KUNE METAL PRODUCTS COMPANY
James Kenneth Milligan, BS '35

MORTON POTTERY COMPANY
Richard Kuebler Rapp, BS '49

UNION CARBIDE EUROPA
M. Hewett Billings, Ph.D. '34

U. S. GYPSUM
Raymond Lee Irwin, Jr., BS '49

MINING COMPANIES

ALUMINUM ORE COMPANY
William A. Oesterling, MS '49
Arle H. Sutton, staff '27-40

AMERICAN ZINC COMPANY OF TENNESSEE
Charles R. L. Oder, Ph.D. '33

AMERICAN ZINC, LEAD & SMELT COMPANY
William F. Netzeband, MS '23

BROOKS-YOUNG MINING COMPANY
Herbert T. Young, AB '41

CALUMET AND HECLA CONS. COPPER COMPANY
Robert R. Reynolds, MS '42

CERRO DE PASCO COPPER CORPORATION
William C. Lacy, MS '40

CONSOLIDATION COAL COMPANY
Adler E. Spotti, MS '41

DAY MINES INCORPORATED
Robert L. Squires, BS '48

W. S. MC CONNELL MINING
Walter F. McConnell, BS '49

MENE GRADE OIL COMPANY
Darrell N. Helmuth, BS '50

NEW JERSEY ZINC COMPANY
Simeon L. Ostermeier, BS '28

PACIFIC TIN CONSOLIDATED CORPORATION
Franklin S. Miller, staff '36-37

MUSEUMS

AMERICAN MUSEUM OF NATURAL HISTORY
George D. Pinkley (Ex '24)

CHICAGO NATURAL HISTORY MUSEUM
Sharat K. Roy, MS '24

OIL COMPANIES

ABERCROMBIE OIL COMPANY
Mrs. Robert E. Moore (J. Geisler), MS '49

ARABIAN AMERICAN OIL COMPANY
James S. Yolton, (EX '45-46)

ARGO OIL CORPORATION
Robert Isaac Terry, BS '47

ATLANTIC REFINING CO.
Henry W. Arms (Ex '49)
Castle J. C. Harvey, BS '32
Robert F. Kraye, MS '48
Robert R. Lamb, Jr., MS '48
John D. Mortimer, BS '49

BARNSDALL OIL COMPANY
Harold L. Geis, MS '33
Keith Lindley, (Ex '37)

J. L. BLACK OIL PRODUCERS, INC.
Marvin Walker, BS '51

BOLSA CHICO OIL CORPORATION
William F. Wrath, MS '36

BROWN OIL COMPANY OF CHICAGO
Jack Dolph Foster, MS '51
Franklin Dale Adams, BS '50

THE CALIFORNIA COMPANY
John O. Clay, MA '48
John M. Benton, Jr., MS '49
Howard L. Patton, MS '48

CARTER OIL COMPANY
Charles R. Bauer, MS '46
Earl Cockrum, AB '43
Lloyd A. Harris, AB '39
Leslie P. Hellen, Jr., BS '43
Fred Kern, BS '48
Morris W. Leighton, BS '47 (minor)
James E. Lewark, MS '40
Bernard W. Lynch, MS '48
Wade L. McCormick (Ex '50)
Don J. Polk, BS '34
Richard A. Upton, BS '51
Joseph Vercellino, BS '47

CHESTER OIL COMPANY
Ronald L. Norris, AB '48

CIA PETROLERA DE PETEN
John F. Barrett, MS '35

CITIES SERVICE OIL COMPANY
Joe W. Alexander, MS '42
Willis M. Decker, BS '39

COLLINS BROTHERS OIL COMPANY
Max C. Firebaugh, BS '47

CONTINENTAL OIL COMPANY
Charles A. Barton (Ex '49)
J. A. Culbertson, Ph.D. '32
James R. Gaebe, BS '46
Charles E. Greenwood, BS '49
Phillip J. Lane, MS '50
Margaret M. Pendleton, MS '48
George E. Taylor, AB '26

COY OIL COMPANY
George Joseph Elliott, BS '49

CREOLE PETROLEUM CORP.
Harvey A. Borger, MS '39
Jack A. Glendening, AB '48
Gordon M. Sowers, BS '46
Charles G. Wilson, BS '48
Virgil D. Winkler, Ph.D. '41
Philip P. Wolcott, MS '36

DE GOYLER & MAC NAUGHTON
Stewart H. Folk (Ex '42-43)
Earle F. Taylor (Ex '38-43)

EL PASO NATURAL GAS COMPANY
Warren L. Taylor, MS '49

FELMONT OIL CORPORATION
Wallace W. Hagan, Ph.D. '42

FILLMORE OIL COMPANY
Harold Rotter, BS '48

FLAMINGO OIL INCORPORATED
William E. McCommons, BS '47

FOREST OIL COMPANY
Richard J. Cassin, MS '49

GENERAL PETROLEUM
Jack Minrod Decker, MS '50

GULF OIL COMPANY
Charles F. Bassett, MS, '24
Beryl K. Bean, MS '38
James W. Penn (Ex '48-49)
Lester W. Clutter, BS '48

HOUSTON OIL COMPANY OF TEXAS
Donald D. Utterback, Ph.D. '36

J. M. HUBER CORPORATION
Wayne E. Walcher, MS '41

HUMBLE OIL & REFINING COMPANY
Robert Louis Gollnick, MS '41

IMPERIAL OIL CO. OF CANADA
Colin Hayter Crickmay, staff '31-33

IMPERIAL PETROLEUM COMPANY
James C. Condon, AB '38

INDEPENDENT OIL OPERATOR
W. Farrin Hoover, Ph.D. '39
Carlyle K. Hoffman, AB '41
Merle Edgar Williams, BS '50

INTERNATIONAL PETROLEUM COMPANY
A. Lyndon Bell, BS '36

JARVIS OIL PRODUCERS
Donald L. Foote, BS '47

KERR-MC GEE OIL INDUSTRIES, INC.
Charles R. Clark, AM '28

KINGWOOD OIL COMPANY
Judson W. Noble, BS '50

KUWAIT OIL COMPANY, LTD.
S. Carl McMackin, MS '28

MAGNOLIA PETROLEUM CORP.
John A. Brophy, MS '49
Ronald N. Gsell, AB '30
Vincent E. Hanes, MS '40
Dorothy B. Johnson, MS '45

MID-CONTINENT PETROLEUM CORP.
Eugene G. Dorn, BS '51
Oscar E. Wagner, Jr., Ph.D. '32

MURPHY CORPORATION
Michael L. Kidda (Ex '49-50)
Charles J. Hoke, AB '37

NATIONAL ASSOCIATED PETROLEUM COMPANY
David A. Brierley, BS '49
John P. Deibel, Jr., AB '48

OHIO OIL COMPANY
Donald W. Franklin, MS '39
Ralph E. Knipe, MS '29
Thomas J. Nolan, Jr., BS '48

OIL MANAGEMENT, INC.
Wilson G. Harris, Jr., BS '48

PHILLIPS PETROLEUM COMPANY
Howard E. Garrett, BS '42
H. G. Thomas (Ex '34)

PRODUCERS PIPE LINE CO., LTD.
Robert D. Garrett, BS '48

PURE OIL COMPANY
Dale C. Finley, Jr., BS '43
Mrs. W. E. Juhre, BS '44
Carl F. Pampe, BS '41
William R. Pampe, MS '48
Jack W. Pierce, MS '50
Raymond W. Ball, MS '51

SHELL OIL COMPANY
Carlos J. Barkley, BS '48
William H. Allen, MS '37
Mary G. Bowers, BS '47
Martin J. Deuth, MS '38
Edward L. Dillon, MS '49
Ann Hartshorn, BS '48
Melvin L. Irwin, MS '41
Virgil J. Kennedy, MS '48
Karl J. Koenig, Ph.D. '49
David J. Kull, Jr., BS '48
William G. Lang, BS '48
Perry S. McClure, BS '29
J. Rex McGehee (Ex '31-32)
John J. Offenhiser, BA '49
Donelson A. Robertson, MS '51
Robert M. Stephens, MS '49
Jack C. Threet, AB '51
Lindell H. Van Dyke, MS '48
Robert Watson, Jr., BS '49
Thomas S. Wickstrom, BS '49
Virginia Ruth Wilson, BS '48

SKELLY OIL COMPANY
Paul A. Mescher, BS '49
Joseph K. Morgan, BS '50
Robert E. Rogers, MS '48

SOHIO PETROLEUM CORPORATION
Hugh G. Walk, MS '48

SOUTHERN NATURAL GAS COMPANY
Robert B. Morton, MS '43
Henry N. Toler, MS '29

STANDARD OIL COMPANY
Bernard A. Curvin, BS '39
Edwin S. Parker, AB '43

STANOLIND OIL AND GAS COMPANY
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Bernard A. Curvin, BS '39
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Carl L. Larson, Jr., MS '30
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William S. McCabe, MS '35
David L. Minard, BS '45
Frank C. Osment, MS '41
Henry G. Raish, AB '31

SUN OIL COMPANY
William F. Prescher, BS '42
Donald G. Sutton, BS '34
Roscoe E. Wise, BS '48

SUNRAY OIL CORPORATION
Lawrence J. Finfrock, MS '48
Robert L. Painter, BS '41
Maurice H. Smith, MS '41

SUPERIOR OIL COMPANY
Carl F. Grubb, AM '32
Charles R. Haworth, BS '47
Robert C. Honea, MS '48

TEXACO OIL COMPANY
John R. Williams, MS '38

THE TEXAS COMPANY
John R. Allexan, BS '49
Julian J. Altrogge, AB '49
Don C. Baldwin, MS '51
Eugene M. Baysinger (Ex '34-36)
Glen M. Ford, MS '41
Faris K. Moyer, BS '39
William B. O'Heran, BS '48
Robert B. Scott, MS '51
Bernard B. Spaulding, BS '38
William Vineyard, MS '50
Linder Wooley, BS '51

TEXAS-ILLINOIS NATURAL GAS PIPE LINE CO.
Robert P. Brown, BS '51

TULSA EXPLORATION COMPANY
Donald L. Wills, BS '49

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William S. Caldwell, MS '50

UNION PRODUCING COMPANY
Fred R. Schroeder, BS '29
Jackson S. Young, MS '29

WARREN PETROLEUM CORPORATION
Hanson W. Harts, BS '21

OIL SERVICES

CALIFORNIA RESEARCH CORPORATION
William H. Smith, MS '50

MOUNTAIN GEOPHYSICAL COMPANY
George J. Petsoff, BS '43

BAROID SALES DIVISION
Horace E. Collier, BS '49
Frank S. Peace, BS '49

CORE LABORATORIES, INC.
Elwood W. Schafer, BS '50

COOPERATIVE REFINING ASSOCIATION
Robert W. Brown, MS '13

DOWELL INCORPORATED
William W. Love, Ph.D. '35

GEOPHOTO SERVICES
Fred E. Moore, staff '51

GEOPHYSICAL SERVICE INC.
James Everitt, AB '41

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Guido J. Fiacco, BS '51
George J. Petsoff, BS '43

SCHLUMBERGER WELL SURVEYING CORP.
Arnold L. Eddings, MS '47
William N. Gregg, Jr., MS '49
William H. Stallsworth, BS '51

SEISMOGRAPH SERVICE CORP.
George V. Holmquist, BS '48

UNITED GEOPHYSICAL CO., INC.
Clarke Stein, BS '49

SURVEYS & GOVERNMENT SERVICES

GEOLOGICAL SURVEY OF CANADA
E. J. W. Irish, Ph.D. '49

COLONIAL NATIONAL HISTORICAL PARK
Courtland T. Reid, BS '40

FEDERAL BUREAU OF INVESTIGATION
James D. Dewhirst, BS '50

U. S. BUREAU OF STANDARDS
Robert S. Roth, Ph.D. '51

NATIONAL GEOLOGICAL SURVEY OF CHINA
Lien-Chieh Li, Ex '41-42

USC & GS
Maxwell Silverman, Ex '50-51

U. S. DEPARTMENT OF STATE
Ernest F. Fox, Ex '26

U. S. NAVY ELECTRONIC LABORATORY
Robert S. Dietz, Ph.D. '41

ILLINOIS STATE GEOLOGICAL SURVEY
Mrs. George H. Bargh (M. Hayes), BS '49
Arthur C. Bevan, staff '21-23
James C. Bradbury, BS '41
William F. Bradley, BS '30
Thomas C. Buschbach, MS '51
George E. Ekblaw, AM '23
Richard F. Fisher, MS '41
William W. Hallstein, BS '49
John A. Harrison, MS '48
Robert D. Knodle, MS '48
John E. Lamar, staff '21
Morris M. Leighton, staff '19-22
Margaret A. Parker (Ex '43-50)
M. William Pullen, Jr., Ph.D. '50
Mrs. John W. Rolley (M. Barnes), MS '48
Donald B. Saxby, MS '47
Raymond S. Shrode, MS '50
Jack A. Simon, MS '46
Beverly A. Solliday, BS '50
J. Stevens Templeton, Jr., Ph.D. '40
Louis Unfer, Jr., BS '48
W. Arthur White, MS '47
Frederick E. Williams, MS '51
Harold B. Willman, Ph.D. '31
George M. Wilson, MS '44

U.S. GEOLOGICAL SURVEY
Allen F. Agnew, MS '42
Arnold L. Brokaw, MS '42
George P. Brown, AB '42
John E. Carlson, BS '49
Raymond A. Cramer, Jr., BS '50
Carl E. Dutton, MS '28
Maxim M. Elias, AM '39
William A. Fischer, Ex '40-41
Nancy Girhard, MS '48
Ernest E. Glick, Ex '50-51
Jack E. Harrison, Ph.D. '51
Philip U. Martin, Ex '49-50
Arnold C. Mason, Ex '41-42
Don J. Miller, MS '42
Ernest H. Muller, MS '49
Edmond G. Otton, MS '47
Clarence S. Ross, Ph.D. '19
James M. Schopf, Ph.D. '37
Kenneth R. Sheppard, BS '49
Howard E. Simpson, MS '42
Paul K. Sims, MS '42
Robert C. Smith, BS '42
Marie Stadnichenko, BS '23

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Louis C. McCabe, Ph.D. '37
Bryan C. Parks, MS '41
Carroll N. Roberts, Ex '41-42
Henry L. Smith, AB '43
Willard J. Tesch, Jr., BS '49

UNIVERSITIES AND COLLEGES

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George V. Cohee, Ph.D. '37

ARKANSAS STATE A. & M. COLLEGE
Donald W. Sprouse (Ex '49-50)

BROWN UNIVERSITY
John R. Schultz (Ex '31)

UNIVERSITY OF CALIFORNIA
Adolf Pabst, AB '25

CARBON COLLEGE
Henry E. Sneed, MS '50

UNIVERSITY OF CHICAGO
C. Leland Horberg, staff '38-42

COLGATE UNIVERSITY
Robert J. Cordell, MS '40

COLLEGE OF THE PACIFIC & STOCKTON COLLEGE
Allen W. Waldo, MS '28

UNIVERSITY OF COLORADO
A. S. Wilkerson (Ex '23-24)

COLORADO SCHOOL OF MINES
Francis M. Van Tuyl, Staff '15-17

COLORADO STATE COLLEGE OF A. & M. ARTS
Robert W. Ellingwood, MS '48

FLORIDA STATE UNIVERSITY
James S. Cullison, AB '28

FRESNO STATE COLLEGE
Charles N. Beard, Ph.D. '41

UNIVERSITY OF IDAHO
James F. McDivitt, MS '51

UNIVERSITY OF ILLINOIS, NAVY PIER BRANCH
Robert L. Miller, AB '42

UNIVERSITY OF ILLINOIS
Harold W. Scott, AM '31

INDIANA UNIVERSITY
Haydn H. Murray, Ph.D. '51

UNIVERSITY OF KANSAS CITY
Sidney E. Ekblaw, MS '30

UNIVERSITY OF KENTUCKY
Elizabeth A. Livesay, MS '45

LAMAR STATE COLLEGE OF TECHNOLOGY
Harmon E. Eveland, Jr., Ph.D. '50

UNIVERSITY OF MAINE
Joseph M. Trefethen, MS '32

MIAMI UNIVERSITY
Gerald K. Anderson, BS '49

UNIVERSITY OF MICHIGAN
Robert V. Kesling, Ph.D. '49

UNIVERSITY OF MINNESOTA
John R. Borchert, (Ex '41-42)

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Robert H. Shaver, Ph.D. '51

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Leslie A. Holmes, Ph.D. '42

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Raymond C. Gutschick, Ph.D. '42

OHIO STATE UNIVERSITY
Charles H. Summerson, Ph.D. '42

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Mrs. Fred W. Stemler (N. Wallis), BS '48

UNIVERSITY OF SOUTHERN CALIFORNIA
Kenneth O. Emery, Ph.D. '41

SOUTHERN ILLINOIS UNIVERSITY
Oliver W. Heimfohr, BS '40
Jules B. DuBar, (Ex '50-51)

ST. AMBROSE COLLEGE
Francis Wuellner, BS '43

STANFORD UNIVERSITY
Eliot Blackwelder, staff '16-19

TEXAS TECHNOLOGICAL COLLEGE
Richard Weart, Ph.D. '50

TEXAS WESTERN COLLEGE
Howard E. Quinn, (Ex '21)

UNIVERSITY OF TULSA
Dan E. Feray, MS '40
Albert N. Murray, Ph.D. '28

VIRGINIA POLYTECHNIC INSTITUTE
Wayne E. Moore, BS '46

GRADUATE STUDENTS
University of California:
Mrs. Frederick A. Shannon, AM '50
University of Chicago:
Homer W. Hiser, BS '51
Columbia University:
Howard S. Vactor, AB '48
Cornell University:
William A. Oliver, Jr., BS '48
University of Evansville:
James N. Leonard, AB '45
Harvard University:
Edgar L. Weinberg, MS '48
University of Idaho:
Bernard I. Bitten, BS '49

University of Illinois:
Richard S. Boardman, BS '48
John Breuer, BS '51
Robert B. Brockhouse, MS '51
Phillip M. Busch, BS '48
Jack Century, BS '51
Kenneth E. Clegg, BS '50
John Droste, BS '51
Robert Doehler, BS '51
James H. Fisher, MS '49
Robert N. Grinnell, BS '51
Milton Langer, BS '51
James H. Francis (Ex '42-43)
Andrew A. Sestak, BS '50

University of Illinois: (continued)
John W. Shelton, MS '51
Guy W. Smith, BS '51
Robert D. Snyder, BS '50
Norman F. Sohl, MS '51
Wilford E. Weeks, BS '51
Warren Zeibell, BS '51
Robert Gale Zirkle, BS '50
University of Kansas:
Walter A. Locker, MA '50
Kent College of Law:
Charles J. Grupp, BS '47
University of Minnesota:
Terence T. Quirke, Jr., BS '51
Northwestern University:
Howard R. Cramer, MS '50
Allan M. Gutstadt, BA '49

Pennsylvania State College:
John C. Ferm, (Ex '49)
Scripps Institute of Oceanography:
Raymond F. McAllister, Jr., MS '51
South Dakota School of Mines:
Robert W. Lane, BS '49
Texas Technological College:
Robert J. Stockton, BS '49
University of Washington:
William C. Irvin, MS '48
Richard L. Threet, AM '49
University of Wisconsin:
Edward J. Zeller, AB '46
Doris Nodine Zeller, AB '46
University of Wyoming:
Harold H. Falzone, BS '50
Donald H. Fulkerson, BS '50

U. S. ARMED FORCES

Lt. Dewey Amos, MA 50 - Army
Ronald E. Black, BS '50 - Air Force
Lt. Julius W. Fiebig, BS '48 - Army
Lt. Karl Goodall, BS '50 - Army
Capt. Perry H. Graves, AB '42 - Army
Major Benjamin Grote, Ph.D. '49 - Air Force
Lt. Paul E. Lewis, AB '40 - Air Force
Roger C. Malan, AB '51
Marvin P. Meyer, MS '46 - Army Engineers

Elmer Moore, BS '46 - Dept. of Army
Betty Moriwaki, BS '49 - Dept. of Army (Civilian Employee)
Maj. Donald E. Noll, BS '39 - Marine Corps
Robert Pervinsek, BS '51 - Navy
Mason K. Read, MS '16 - Army
Capt. Herbert G. Stewart, (Ex '50-51)-Air Force
Harvey L. Stockwell, BS '40
PFC Richard W. Stute, BS '50 - Air Force
Capt. DeWitt C. Van Siclen, MS '41 - Air Force

LIST OF ALUMNI

(Please notify us of additions or corrections)

ABBOTT, Mrs. Kenneth M., (Helen Oldfather), BS '27: Classics Department, Ohio State University, Columbus, Ohio.

ADAMS, Franklin D., BS '50: Brown Oil Co. of Chicago, 644 N. Michigan Ave., Chicago, Illinois. Residence: Olney, Illinois

AGNEW, Allen F., AB '40, MS '42, (PhD '48, Stanford): USGS, Box 261, Platteville, Wisconsin

ALEXANDER, Joe W., BS '41; MS '42; Cities Service, Fort Worth, Texas.

ALLEN, William H., BS '36; MS '37: Shell Oil Company, 536 8th Avenue W., Calgary, Alberta, Canada.

ALLER, Alan, BS '51: Home address: 4157 Clarendon, Chicago, Illinois.

ALLEXAN, John R., BS '49: The Texas Co., 322 So. Michigan Ave., Chicago, Illinois Home address: 5981 Chatsworth Avenue, Detroit, Michigan.

ALLYN, Portia, (Mrs. George E. Smith), EX '38

ALTROGGE, Julian J., AB '49: Texas Company, 9 East Pulaski, Shawnee, Oklahoma.

AMES, John A., (BS '41, Univ. of Denver) MS '50: c/o Baltimore and Ohio RR., Pines-On-Severn, Arnold, Md.

AMOS, Lt. Dewey H., (BS Marietta Coll., '49); MA '50: Hdq. 79th Construction Group, Fort Belvoir, Virginia

ANDERSON, Gerald K., BS '49; (MS Texas Tech., '50): Department of Geology, Miami University, Oxford, Ohio.

ANDERSON, Sumner M., Ex '25: Address unknown.

ANDRON, Mrs. Mortimer (Bettie Teetor, BS '42): 3009 Lomita Road, Santa Barbara, Calif.

ARMS, Henry W., (AB Berea College '49): Atlantic Refining Co., Box 2819, Dallas, Texas. Residence: 6427 Maple Avenue, Dallas 9, Texas.

BACK, William, BA '48: 2521 Durant Avenue, Berkeley, Calif.

BALDWIN, Don C., BS '49; MS '51: The Texas Company. Home address: 211 Lawrence Avenue, Effingham, Ill.

BANDY, James C. (AB Berea Coll., '49); AM '50: Stanolind Oil & Gas Co., 938 S. Durbin, Casper, Wyoming

BARDELL, Philip W., BS '50: RR 1, Freeport, Illinois.

BARGH, Mrs. George H. (Margaret Hayes) Ill. State Geological Survey, Urbana, Ill.

BARKLEY, Carlos J., BS '48: Shell Oil Company, 2309 W. Alabama, Houston, Texas.

BARNARD, Evan G., BS '44: 721 W. Osage, Normal, Illinois.

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SOHL, Norman F., BS '49; MS '51: UI Graduate Student.

SOLEY, Earl L., Jr., BS '50: 500 West Road, Lombard, Ill.

SOLLIDAY, Beverly A., BS '50: Illinois State Geological Survey, 227 Natural Resources, Urbana, Ill.

SORKIN, Herbert, BS '48: Chicago Dept. Subways & Superhighways, 2545 W. Fitch Ave., Chicago 45, Ill.

SOWERS, Gordon M., BS '46: Geological Lab, Creole Pet Corp., Gusepin, Estado Monagas, Venezuela.

SPAULDING, Bernard B., BS '38: The Texas Co., Box 2523, West Jackson, Miss.

SPOOR, Harry C., Jr., AB '26: Consultant, 1235 Commerce Bldg., Houston 1, Texas.

SPOTTI, Adler E., BS '40; MS '41: Consolidation Coal Co., Route 2, Morgantown, W. Va.

SPROUSE, Donald W., (BS '49 Marshall Coll. W. Va.): Head, Dept. of Geology, State A & M College, A & M Rural Station, Magnolia, Arkansas.

SQUIRES, Robert L., BS '48: Day Mines, Inc., Kozy Corner Apts., Wallace, Idaho.

STADNICHENKO, Marie, BS '23: USGS: 917 - 18th St., N.W., Washington, D.C.

STALLSWORTH, William R., BS '51: Schlumberger Well Surveying Corp., 114 E 6th St., Mt. Carmel, Ill.

STEENHAUSEN, John R., BS '49: 5806 N. Kenmore, Chicago 40, Ill.

STEIN, Clarke, BS '49: United Geophysical Co., Inc., Box 6, Lamesa, Texas.

STEMLER, Mrs. Fred W. (Norma Wallis), BS '48: Dept. of Geology, Purdue Univ., W. Lafayette, Indiana.

STEPHENS, Robert M., (BS '48 Engr.); MS '49: Shell Oil Co., Houston, Texas.

STEWART, Herbert G., Jr., (BS Kent State '50): Capt., Hq. Sqdn. 33rd Air Base Group, Otis Air Force Base, Falmouth, Mass.

STOCKTON, Robert J., BS '49: % Geology Dept., Texas Technological College, Lubbock, Texas.

STOCKWELL, Harvey L., BS '40: Home: 4146 N. Kilbourn, Chicago, Ill. (Armed Services in Korea).

STORM, Helen M., BS '48: (See Mrs. D. C. Bowman)

STUTE, Richard W., BS '50: PFC, AF2637411, Hq & Hq Sq, 3310 Tech. Trng. Wg., Scott AFB, Bellville, Ill.

SUMMERSON, Charles H., BS '38; MS '40; PhD '42: Dept. of Geology, Ohio State Univ., Orton Hall, Columbus, O.

SUTTON, Arle H., Staff: Aluminum Ore Co., Box 337, Rosiclare, Ill.

SUTTON, Donald G., BS '34; (MS '36 Washington Univ.): Sun Oil Co., 2121 E. Mulberry, Evansville, Ind.

SVOBODA, Irwin L., BS '50: 2224 S. East, Berwyn, Ill.

SURRATT, Robert A., BS '50: Metcalfe, Hamilton, Grove Construction Companies, Adana, Turkey] A.P.C. 206-A, % P.M., New York.

SWEENEY, Mrs. Catherine H., BS '36: 3300 Nebraska Ave., N.W., Washington, D.C.

TAFT, William F., BS '48: Rochester, Ill.

TANNACI, Mrs. Nicholas (Muriel C. Janicki), AB '42: 624 Potrero Ave., El Monte, Calif.

TAYLOR, Earle F., (AB '35 & MS '36 Iowa): DeGolyer & MacNaughton, 415 Cordova, Dallas, Texas.

TAYLOR, George E., AB '26: Continental Oil Co., 2016 E. Blackford, Evansville, Ind.

TAYLOR, Warren L., (BS '47 Kan. St. Coll.); MS '49: % El Paso Nat. Gas Co., Box 1384, Jal, New Mexico.

TEETER, Bettie L., BS '42: (See Mrs. Mortimer Andron).

TEMPLETON, J. Stevens, Jr., (AB '36 Princeton); PhD '40: Ill. State Geol. Survey, 701 N. Lincoln, Urbana, Ill.

TERRY, Robert I., BS '47: Argo Oil Corp., Alice, Texas.

TESCH, Willard J., Jr., BS '49: Bureau of Mines, Oil Shale Demonstration Plant, Anvil Points 75, Rifle, Colo.

THACKER, Don, Ex '35: Monon, Indiana.

THOMAS, H. G., Ex '34: Address unknown.

THOMAS, John E., BS '51: 16 Oak Knoll, Belleville, Ill.

THOMPSON, Caryl J., BS '44: (See Mrs. W. E. Juhre).

THREET, Jack C., AB '51: Shell Oil Co., Mayo Bldg., Tulsa 2, Okla.

THREET, Richard L., (BS '47 Chem.); AB '47; AM '49: Dept. of Geology, Univ. of Washington, Seattle, Wash.

THURSTON, A. W., (?): Office of County Commissioners, Boulder, Colo.

TITUS, Lois E., AB '45: (See Mrs. Erle S. Huse).

TOLER, Henry N., (BS '25 Louisiana State Univ.); MS '29: Manager, Geological & Land Dept., Southern Natural Gas Co., 1510 Deposit Guaranty Bank Bldg., Jackson 14, Miss.

TOM, Charles W., BS '49: 810 St. Louis Ave., Edwardsville, Ill.

TOM, Gene F., BS '46; MS '50: Mineralogist, Rare Earths Inc., Box 121, McCall, Idaho.

TOMLINSON, Charles W., (AB '13 Wisconsin; PhD '16 Chicago): Consultant: 1002 Stanley Blvd., Ardmore, Okla.

TOVEY, Henry A., BS '48: 1002 S. State, Westville, Illinois.

TRELFETHEN, Joseph M., (AB '31 Colby); MS '32; (PhD '35 Wisconsin): Geology Dept., Univ. of Maine, 16 College Heights, Orono, Maine.

TUCK, Lewis L., BS '40; (MS '41 Texas): Will I. Lewis Drilling Co., Box 337, Mt. Vernon, Ill.

TURTLE, Edith G., (BS '47 Manitoba Univ.): Biochemical Research, Veterans Adm. Hosp., Hines, Ill.

UNFER, Louis, Jr., BS '48; (MS '51 U. Wyoming): Ill. State Geol. Survey, 102 Nat. Res., Urbana, Ill.

UPTON, Richard A., BS '51: Carter Oil Co., 367 W. 1st, North Vernal, Utah.

URASH, Robert N., BS '45 (Engr): Carl A. Bays & Associates, 308 N. Orchard, Urbana, Ill.

URBANO, Robert F., BS '46: 85 Spring Street, Williamstown, Massachussetts.

UTTERBACK, Donald D., AB '30; MS '32; PhD '36: Houston Oil Co. of Texas, Box 2412, Houston, Texas.

VACTOR, Howard S., AB '48: Columbia Univ., 523 W. 113th St., New York 25, N.Y.

VAN DYKE, Lindell H., BS '47; MS '48: Shell Oil Co., Box 1509, Midland, Texas.

VAN HALE, Warren C., BS '34: 520 Massena Ave., Waukegan, Ill.

VAN SICLEN, DeWitt C., (AB '40 Princeton); MS '41; (MA '47 Princeton): Capt. AO-854311, Hq. 14th Air Force, 1005 First Ave., Warner Robins, Ga.

VAN TUYL, Francis M., Instructor '15-17: Colorado School of Mines, Golden, Colorado.

VERCELLINO, Joseph, BS '47: The Carter Oil Co., 759 Ratcliff Ave., Shreveport, La.

VINEYARD, William L., BS '49; MS '50: The Texas Co., Room 1515, Nat. Standard Bldg., Houston 1, Texas.

WAGGONER, Beulah M. (Mrs.), BS '48: Rare Earths, Inc., Box 121, McCall, Idaho.

WAGNER, Oscar E., Jr., AB '28; AM '29; PhD '32: Mid-Continent Petroleum Corp., 5314 E. 13th St., Tulsa, Okla.

WALCHER, Mrs. C. A. (Florence Cochran), AB '20: 1107 S. 4th Ave., Maywood, Ill.

WALCHER, Wayne E., (BS '39 Wichita); MS '41: J. M. Huber Oil Co., 302 Petroleum Bldg., Wichita, Kansas.

WALDO, Allen W., AB '27; MS '28; (MS '32 & PhD '34 Harvard): College of the Pacific & Stockton College, 1335 N. Van Buren, Stockton, Calif.

WALK, Hugh G., AB '41; MS '48:

WALKER, Marvin, BS '51: J. L. Black Oil Producers, Inc. Noble, Ill.

WALLACE, William H., BS '48: Arcola, Ill.

WALLIS, Norma, BS '48: (See Mrs. Fred M. Stemler).

WALTER, Adolph W., BS '43: A. W. Walter, Jr. & Co., 608 N. Main St., Anna, Ill.

WALTER, Mrs. Otis M., Jr. (Lorena Ross), Bs '46: 916 Redwood, 2-C, Houston 12, Texas.

WASKELO, M. J., AB '41: M. J. Waskelo Realty Co., 916 Wentworth Ave., Calumet City, Ill.

WATKINS, Byron K., BS '49: 311 Grant Ave., Findlay, Ill.

WATSON, Robert, Jr., BS '49: % Shell Oil Co., Box 327, Harlingen, Texas.

WEART, Richard, (AB Cornell '43; MS Syracuse '48); PhD '50: Texas Technological College, 3408-A Nashville St., Lubbock, Texas.

WEBER, Mrs. Edwin H. (Mary Hill): Address unknown.

WEEKS, Wilford E., BS '51: UI Graduate Student. 701 N. Randolph, Champaign, Ill.

WEINBERG, Edgar L., BS '47; MS '48: 13 Conant Hall, Cambridge 38, Mass.

WESTERBEEK, Betty J., BS '41, (See Mrs. Frederick Wurtzell).

WHITE, Harold R., BS '47; MS '48: Pure Oil Co., 4406 Paris Ave., New Orleans, La.

WHITE, William A., BS '40; MS '47: Ill. State Geol. Survey, 608 W. Washington St., Urbana, Ill.

WICKSTROM, Thomas S., BS '49: Shell Oil Co., Box 71, Normal, Ill.

WIDENER, Mary L., BS '47: (See Mrs. W. E. McCommons)

WILKERSON, A. S., 23-24: Dept. of Geology, Univ. of Colorado, Boulder, Colo.

WILLIAMS, Frederick E., (AB Wooster '41); MS '51: Ill. State Geol. Survey, 713 S. Randolph, Champaign, Ill.

WILLIAMS, John R., AB '36; MS '38: Texaco Oil Co., Box 480, Tyler, Texas.

WILLIAMS, Merle E., BS '50: (Walter Duncan, Independent Oil Operator). 728 Dewey Ave., Mt. Vernon, Ill.

WILLMAN, H. B., AB '26; MA '28; PhD '31: Ill. State Geol. Survey, 205 W. Pennsylvania, Urbana, Ill.

WILLS, Donald L., BS '49: Tulsa Exploration Co., Box 48, Mineral Wells, Texas.

WILSON, Charles G., BS '48: Creole Petroleum Corp., Apatardo 172, Maricaibo, Venezuela, S.A.

WILSON, George M., BS '42; MS '44: Ill. State Geol. Survey, 505 W. Vermont, Urbana, Ill.

WILSON, Virginia, BS '48: Shell Oil Co., Baton Rouge, La.

WINKLER, Virgil D., BS '38; MS '39; PhD '41: Creole Petroleum Co., Apartado 889, Caracas, Venezuela.

WISE, Roscoe E., BS '48: % Sun Oil Co., Oil Nat'l. Bank Bldg., Evansville, Ind.

WOLCOTT, Philip P., AB '35; MS '36: % Creole Petroleum Corp., Apt. 172, Maracaibo, Venezuela, S.A.

WOOD, Arthur Jr., AB '43: Address unknown.

WOODMENCY, Colene R., BS '51: (Mrs. Robert Bauer).

WOOLEY, Linder, BS '51: The Texas Co., 715 North Ohio, Salem, Ill.

WRATH, William F., BS '35; MS '36: Bolsa Chico Oil Corp., Room 510, 555 S. Flower St., Los Angeles, Calif.

WRIGHT, William E., BS '40: 925 W. Wood, Decatur, Ill.

WUELLNER, Francis, BS '43: St. Ambrose College, Davenport, Iowa.

WURTZEL, Mrs. Frederick (Betty Jean Westerbeck), BS '41: 120 26th St., Park Forest, Illinois.

YARNELL, Mrs. Howard W. (Mary E. Card), AB '38: 106 E. Conover, Eureka, Ill.

YOLTON, James S., (AB '40 Augustana; MS '43 Utah State Agri. Coll.): Arabian American Oil Co., in the Arabian peninsula.

YORK, Barbara, BS '45: (See Mrs. John Y. Elgin)

YOUNG, Herbert T., AB '41: Brooks-Young Mining Co., 511 Boone, Olney, Ill.

YOUNG, Jackson S., BS '27; MS '29: Union Producing Co., 245 Preston Ave., Shreveport, La.

ZELLER, Edward, AB '46: Geology Dept., Univ. of Wisconsin, Madison 6, Wisc.

ZELLER, Mrs. Edward J. (Doris Nodine), AB '46: See above.

ZIEBELL, Walter R., BS '43; MS '49.

ZIEBELL, Warren, BS '51: UI Graduate Student, 1104 W. Springfield, Urbana, Ill.

ZINSER, Robert W., AB '48: Wolcott, Kansas.

ZIRKLE, Robert G., BS '50: UI Graduate Student.

ZWORYKIN, Elaine V., AB '48: (See Mrs. Louie Knudsen).

* * *

LATEST NEWS

James N. Brady, BS '50 writes that he is employed with the Ashland Oil and Refining Company, whose headquarters are located at Ashland, Kentucky. His work is confined mainly to the refinery laboradory. A baby girl, Pamela Sue, born Nov. 10 is keeping them busy. Their address remains the same as listed.

Robert Coxworth, BS '49, has his own insurance business and represents Equitable Life of New York and others. He reports that he has been married four months. His address in Room 431, 29 S. LaSalle St., Chicago 3, Illinois.

James E. Creager, BS '24, is now living in Evanston, Illinois, 2626 Hurd Avenue. He is vice-president of Jewel Paint & Varnish Company, located at 345 N. Western Avenue, Chicago 12, Illinois.

Harold F. Crooks, MS '18, retired from the board of the Iraq Petroleum Company in July, 1949. Since then he has been living in southern California, enjoying the sunshine which he so sadly missed during his thirteen years of London weather. His present address is 438 Palm Drive, Vista, California.

John T. Cvikota, BS '43, is affiliated with the Eastman Kodak Company, Processing Laboratory, Chicago, Illinois, and is attending evening classes in organic chemistry at Northwestern University. His address is 2418 N. LeClaire, Chicago 39, Illinois.

Latest address and company affiliation of George H Davis, BS '42, would be much appreciated.

James Wilbur Dean, BS '48, is with the C. E. Brehm Drilling and Production Company located in Mt. Vernon, Illinois.

The whereabouts of Richard A. Eagle, AB '42, is unknown. Information concerning Mr. Eagle would be appreciated.

Victor N. Fischer, MS '37, is division geologist with the Skelly Oil Company and is located in Tulsa.

Information concerning George F. Foster, '24, formerly of Oklahoma, would be appreciated.

Donald E. Fulkerson, BS '50, (MS Univ. of Wyoming '51) is now working for ? and is located in Miles City, Montana.

Albert L. Gillis, BS '50, is now employed by Trans. World Airlines in Indianapolis. His present address is 3312 N. Illinois Street, Indianapolis, Indiana.

Darrell N. Helmuth, BS '50, returned to the states in the fall and is now seeking employment. His address is 1232 Fairfield, Ft. Wayne, Indiana (home).

Howard Oliver Jackson, Jr., BS '51, is now with the U.S. Marine Corps. His address is 29 S. Brainard Ave., LaGrange, Illinois (home).

Durward W. Killinger, BS '49, is presently employed as control chemist with Blockson Chemical Company of Joliet.

George C. Knoll, BS '49, is attending the School of Mines at Tucson, Arizona and will graduate in January. He recently was elected to Tau Beta Pi, national honorary society in engineering.

Chester H. Kuntz, AB '39, is Lieutenant Colonel in the Air Corps since 1941 and is at present stationed in England. His present address is: USAF, Air Exec. (O.A.A.), U.S. Navy F.P.O. 100, New York,NY

Robert Lieberman, BS '49, is employed by the General Electric Company, and his address is 3845 Fish Avenue, Bronx 69, New York.

Margaret Lohr, BS '51, was married on July 7 to Robert L. Brown, and they are now living at 5445 East View Park, Chicago, Illinois.

Daniel C. Melrose, BS '49, is employed in Fairfield by the Nation Oil Company as their geologist. He likes his work very much and is fortunate enough to be located in his home town. They have a six-month old daughter named Deborah Kay.

Irving Near, BS '49, is employed by the U.S. Corps of Engineers, in their soils testing laboratory. Address: 615 W. Van Buren, Chicago, Illinois.

Rollin H. Pease, AB '31, is now living at 9102 S. Manzanar Ave., Downey, California.

John E. Peterson, BS '51, is doing graduate work at the Univ. of W. Virginia.

Courtland T. Reid, BS '40, is now park naturalist, Mammoth Cave National Park, Mammoth Cave, Ky.

Alan E. Shaver, BS '50, is now living at 1635 Brown, Galesburg, Illinois.

John Caldwell Shaw, BS '49, address has been changed to Reid Road, Neosho, Missouri. After leaving Illinois Mr. Shaw was employed by United Geophysical Co., Inc., Pasadena, California, up to the time of his recall to service. He is now serving in the Engineering Research and Development Laboratories, Fort Belvoir, Virginia, on temporary duty with the Air Force in Bermuda. He is a water supply specialist.

Frederick W. Shumway, BS '18 (MS '24 NY Univ.) has informed us of a change of address which is very good news indeed. He is now in Ward 2026 East, an open convalescent ward; whereas, his previous address was ward 2027 East, a surgical ward. Mr. Shumway is looking forward to being discharged next spring as an arrested case of T.B. He sends best wishes for the holidays and I am sure many of you will wish to extend the same to Mr. Shumway.

A letter from the Jim Sewells informs us that they are now living at 1411 West First Avenue, Corsicana, Texas. Jim resigned his legislative seat and took over as County Judge a month ago. They are planning to buy a new home. Jimmy is in nursery school and loves it.

Henry A. Tovey, BS '48, is now with Neff Concrete Products Company in Danville, Illinois. Address: 528 N. Beard Street.

William H. Wallace, BS '48, is a Lieutenant in the Air Force on active duty since last April. At present he is attending Language School at Syracuse University.

M. J. Waskelo, AB '41, is a real estate broker in Calumet City, Illinois. His address is: 916 Wentworth Avenue.

Byron Kent Watkins, BS '49, address is: Sgt. Byron K. Watkins, 55118750, Co. B - 3rd Platoon, A.O.C. Division, Camp Forsythe, Ft. Riley, Kansas.

Donald L. Wills, BS '49 is head of the Department of Geology and Geography at Monmouth College, Monmouth, Illinois.

Robert W. Zinser, AB '48, obtained his master's degree from the University of Kansas in 1950. He has since been employed by the Sun Oil Company of Midland, Texas. He is expecting to be sent to Abilene, Texas, in the near future. His present address is: 1009 N. Big Spring Street. It is hoped that when he moves to Abilene we will be informed of his new address.

Word was just received Dec. 3, from Herb Stewart, (grad. 50-51) that he is on his way to the Golden Gate and points west. His ultimate destination is Nagoya, Japan for a tour of duty with the Far Eastern Air Forces. He expects to be assigned purchasing and contracting duties over there. His family has taken a furnished apartment in Brecksville, Ohio, and it is hoped that they can join him next spring. The best of luck to you, Herb.

ACKNOWLEDGMENT

On behalf of the staff of the Department, I wish to thank all alumni who have expressed pleasure in receiving the departmental news letters. Your cooperation by sending in bits of news about yourself, your family, or alumni of your acquaintance is greatly appreciated. I am most grateful to all alumni who stop in at the departmental office to say "hello" and chat for a brief moment.

As mentioned in last year's news letter we have endeavored to give you a listing of alumni by occupation. Corrections and/or additions would be welcome - send me a card with the correct information.

Best wishes for your continued success.

Sincerely yours,

Rosa M. Nickell

Rosa M. Nickell

ANNUAL NEWS LETTER

DEPARTMENT OF GEOLOGY

UNIVERSITY OF ILLINOIS

Urbana

December, 1952

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REPORT TO THE ALUMNI

To the Alumni of the Department of Geology:

This year Miss Nickell again has prepared for your information, instruction, and pleasure the Annual Newsletter. I am sure you will feel that it is important to know about the recent activities, the new jobs, the new families, and the work of our geology staff and students in Urbana and of our geology alumni throughout the world. I hope you will join with me in telling her that we appreciate another good job. Be sure to read Miss Nickell's "Acknowledgment" and story of her summer geological experiences which she has insisted on putting at the very end of this "newsletter".

I should like to call your attention to the report of the President's Materials Policy Commission -- "The Paley Report" -- which appeared late this summer. Most of you have read reviews of it in the technical journals. I can assure you that it is being studied very carefully indeed by all progressive mineral industry organizations and by state and government agencies having to do with earth materials.

Volume 1, which can be purchased separately, is the summary of the detailed data. The chart on p. 24 shows the predicted increase to 1975 in demand for mineral materials. The map on p. 28 shows the areas of the United States yet to be geologically mapped. The present and predicted supply of technical manpower, including geologists, is graphically shown on p. 143.

This report is the blueprint which will be used for new mineral industry and survey legislation for many years to come. Briefly it adds up to this: we shall have to produce more minerals from more deposits -- many of them yet to be found in this and other countries -- more groundwater, more geologic maps, and do this with a shrinking supply of geologists. This means the employment potential for geologists is already very high and will soon be terrific. The important geological profession is bound to become even more important in the immediate future.

With the increasing importance of the geological profession you will have increased responsibilities, not only in technical fields, but also in wider ones. You have demonstrated your competence to deal with technical responsibilities else you would not have attained your present positions.

As geologists you have also broader responsibilities for your organization and your community. You are the experts in and the representatives of earth science and as such it is your duty to take part in industry and civic policy formulation where your special knowledge and attitude are fundamental. It is no coincidence that the mineral industry which has made the most rapid, truly phenomenal advance in science, technology and income during the past few decades hires more geologists than all other industries together. This industry uses geologists not only for technical purposes, but also at all administrative and policy making levels.

Geologists should not shrink from nor avoid these policy making places and opportunities. Neither should their fellow geologists decry the movement of some of their members to places of wider service. All geologists must realize that a more "favorable climate" can exist if mineral industry organizations -- both industrial, research, and educational -- are guided by geologists than if they are guided entirely by those of nongeological training, experience and outlook. Let us realize that we have great opportunities and great responsibilities before us.

Yours sincerely,

George W. White

George W. White

GEOLOGY STAFF, 1952-53

Senior Staff:

G. W. White, professor and head of the department, F. W. DeWolf (professor emeritus), C. A. Chapman, professor, R. E. Grim, research professor, F. C. Foley, research professor, J. L. Hough, professor, H. W. Scott, professor, H. R. Wanless, professor, A. F. Hagner, associate professor, P. R. Shaffer, associate professor, D. M. Henderson, assistant professor, W. M. Merrill, assistant professor, Maxwell Gage, visiting assistant professor, James H. Fisher, instructor.

Fellows:

R. B. Brockhouse, Arnold C. Mason, Frank L. Staplin, Mary Ann Strouse, and Jacob VanDenBerg, University of Illinois; Henry S. Brown, California Company; P. J. Byrne, National Lead Company; L. G. Schultz, Illinois Clay Products Company; John W. Shelton, Shell Oil Company; Edwin S. Tooker, (post-doctoral) National Science Foundation.

Special Research Assistants:

William D. Johns and Robert W. Doehler, American Petroleum Institute.

Junior Staff:

B. L. Berman (BS '51 Augustana)
J. A. Burgener (AB '51 Macalester)
J. J. Chapman (BS '41, MS '48 Colorado School of Mines)
R. R. Conlin (BS '52 Franklin & Marshall)
J. B. Droste (BS '51 Illinois)
L. D. Eberly (BS '51 Univ. of Wichita)
F. D. Etheredge (BS '51 Virginia Polytechnic)
P. J. Farrelly (BS '52 Illinois)
R. E. Fox (BS '52 Marshall)
R. H. Howard (AB '52 Colgate)
D. L. Kretsch (AB '52 Augustana)
Murray Levish (AB '52 New York University)
R. M. Lloyd (BS '52 Illinois)
R. N. Mercurio (BS '52 Pates)
Hildreth Newell (AB '52 Wooster)
M. E. Ostrom (BS '52 Augustana)
W. A. Pryor (BS '52 Centenary)
V. C. Shepps (BS '50 Franklin & Marshall; MS '52 Illinois)
C. E. Tranter (AB '52 Augustana)
H. N. Watkins (BS '52 Marshall)
J. P. Wehrenberg (BS '50 Missouri School of Mines; MS '52 Illinois)

Office:

Rosa M. Nickell, Secretary, Mrs. Bonnie D. Hollandbeck, Clerk-Stenographer, Mrs. Patricia A. Simpson, Clerk-Typist.

PUBLICATION OF T. T. QUIRKE

"CANOES, THE WORLD OVER", by the late Terence T. Quirke, is now available at the University of Illinois Press, Urbana, or at the Campus Bookstore. The book contains more than forty authentic drawings of primitive and modern canoes of various types, drawn by the well-known artist, C. E. Bradbury of the University Art Department. The book consists of 137 pages beautifully bound in black cover with gold stamping.

The book has had a good reception, first because of the attractive design and the strikingly effective illustrations, and secondly, because the style of writing is pleasingly informal, and reminds one of Doctor Quirke's personality. We believe Doctor Quirke's former students would enjoy owning the book. It sells for $4.50.

STAFF CHANGES

Dr. Bernhard Kummel, associate professor, resigned at the close of the academic year 1951-52 to accept a position as associate professor on the staff of Harvard University. Doctor Kummel, who taught historical geology, paleontology and post-paleozoic stratigraphy at Illinois will continue his interest in these subjects at Cambridge. He is continuing his well-known work on cephalopods. Illinois staff and alumni attending the GSA meetings in Boston in November were able to visit with Doctor and Mrs. Kummel. He was a member of the local committee for the annual meetings.

Dr. Maxwell Gage, senior lecturer in geology, Canterbury University College, Christchurch, New Zealand, a constituent college of the University of New Zealand, was appointed visiting assistant professor of geology at the University of Illinois for the academic year 1952-53. He is teaching courses in structural geology for undergraduates and graduates.

Professor Gage was born in Auckland, New Zealand. His degrees are from Auckland University College, Victoria University College, and from the University of New Zealand. Before going to Canterbury University College he spent about ten years with the New Zealand Geological Survey where he was responsible for a wide variety of geological work, including the survey of vein deposits of gold in metamorphosed Paleozoic rocks, the detailed examination of Cretaceous coal measures, and the remapping of the standard Lower and Middle Tertiary sedimentary sequences. This work is published in about twenty papers and bulletins.

Professor Gage is a member of the Royal Society of New Zealand, the British Glaciological Society, and the New Zealand Association of Scientific Workers.

Professor and Mrs. Gage are at home in one of the University apartments at 300 South Goodwin, Urbana.

Mr. James H. Fisher, MS '49, was appointed instructor in the department, September 1, 1952. After receiving the BS degree in '47, Mr. Fisher was with the McCurtain Limestone Company in Oklahoma for a year. He returned to the campus in the summer of 1949 to complete work for the master's degree. After completion of the work for the master's degree, he was with the Pure Oil Company in Casper, Wyoming until the summer of 1951 when he returned to the department to work for the Ph.D. degree. He was holder of the Shell Company Fellowship, 1951-52. All work toward the Ph.D. has been completed; the degree will be granted in 1953.

Mr. Fisher is teaching historical geology and assisting with the Physical Science courses in the Division of General Studies.

NEWS OF PRESENT STAFF MEMBERS

Carleton A. Chapman spent the summer in Maine continuing his structural and petrologic studies on Mt. Desert Island. He was assisted in the field by two UI graduate students, Eugene Williams, MS '52, and Forest D. Etheredge. Thelma and Johnny spent the summer with Professor Chapman in Maine.

Frank C. Foley continued his work with the Illinois Geological Survey in charge of ground-water activities of the Survey, and in research and service projects during the summer. He is supervising theses work of graduate students this semester.

Ralph E. Grim spent the summer working on his book "Clay Mineralogy" which is expected to be off the press by May 1953.

Professor Grim also attended the clay conference at the University of California in July. He acted as honorary chairman. This was a general conference of mineralogists, chemists, ceramists, engineers, etc., interested in clays. A European delegation was present for the meetings. Professor Grim gave a paper on clay mineral analytical techniques.

In September Professor Grim attended the 19th International Geological Congress in Algeria, North Africa, taking part in the excursions which covered the geology and mineral resources of Morocco. He stopped off to visit the bentonite deposits on the Italian Island of Ponza enroute home.

Professor Grim is the author of a paper on clay mineralogy and hydraulics which appeared in the January issue of *General Review of Hydraulics*, an international publication printed in Paris. The article is a discussion of the ralation of the clay minerals, which are the fundamental building blocks of clays and soils, to the properties of the materials and the movement of ground water and surface water.

Written at the request of the French publication, the article is prefaced by comments by A. Riviere, professor at the Sorbonne:

> "R. E. GRIM ext l'une des personnalités les plus marquantes parmi les savants qui se sont illustrés dans l'étude des roches argileuses. Son nom restera attaché, avec ceux de Bray et Bradley, à l'identification, dans les argiles des sols de l'Illinois, des minéraux argileux à structure micacée que ces savants étudièrent et décrivirent sous le nom d'illites, et dont toutes les recherches ultérieures devaient montrer la prédominance quantitative dans l'ensemble des formations argileuses de l'écorce terrestre.
>
> R. E. GRIM, qui fut longtemps <<Chef du Service des Recherches sur les argiles>> au Service Géologique d'Etat de l'Illinois et qui est maintenant Professeur de Recherches à l'Université d'Urbana, a également étudié les Montmorillonites, mais son activité s'est étendue à beaucoup d'autres domaines et, en particulier, à la recherche des relations qui existent entre la structure des minéraux argileux et les propriétés céramiques et physicochimiques des argiles. Ces recherches ont abouti à des résultats de très grande importance en ce qui concerne les propriétés mécaniques des sols et leurs variations sous l'effet du tassement (<<compaction>>), du gel, et de la nature des <<bases échangeables>> absorbées par les minéraux argileux."

Arthur F. Hagner spent the summer in Illinois working on manuscripts and maps. The manuscripts deal with the titaniferous iron deposits, the anorthosite complex, some metasomatic gneisses and schists, and with the tectonics of the Laramie Range, Wyoming.

Donald M. Henderson participated in the departmental summer field camp in Colorado during the summer of 1952. He continued work on manuscripts covering field studies previously done in New Hampshire.

Late in October Doctor Henderson became ill with polio, and was given a leave of absence for the rest of this semester. His teaching duties were taken over by other staff members. Doctor Henderson is improving satisfactorily, and no doubt many of you will wish to drop him a card at 805 S. Maple, Urbana, Illinois.

Jack L. Hough spent the summer of 1952 working on Pleistocene chronology of the Great Lakes region and writing of reports on work done previously.

Professor Hough continues as editor of the "Journal of Sedimentary Petrology". The Journal was published in 1951 as Volume 21, Nos. 1-4. Each number contained approximately 64 pages. The contents of the volume include 28 articles, 8 reviews, 4 announcements, 3 discussions, an index, and 9 pages of advertisements.

The distribution of papers according to national origin was as follows: United States, 16; Netherlands, 3; England, 2; New Zealand, 1; British West Indies, 1; Denmark, 1; and Egypt, 1.

The size of the Journal has continued to be in good adjustment to the number of papers accepted for publication. There has been, on the average, an eight-months period between date of receipt of a paper and the time of its publication.

Financially, the Journal has paid for itself and made a small profit during the year. This was possible, in part, because of assistance rendered by the University of Illinois Department of Geology in providing a half-time editorial assistant and in part by a small advertising income.

William V. Merrill was director of the geology field camp in Colorado from June 13 to August 9 and supervised field work for master's theses for graduate students. Balance of the summer was spent in drafting maps, illustrations, and a report on the geology of Hocking County, Ohio, which is currently in progress. Late in October, Woody, the Merrill's three-year old son became ill with polio. He is slowly improving and we are all hoping for a complete recovery.

Harold W. Scott has been asked to act as chairman of a group of specialists in the preparation of one part of the *International Treatise on Invertebrate Paleontology* which is now in progress. He has been asked to direct the preparation of the section on Paleozoic Ostracodes.

The *Treatise* will comprise several large volumes. It will be the chief authoritative work in invertebrate paleontology and is expected to be the indispensable world reference book on the subject for many years.

The preparation of this treatise was determined upon at the International Geological Congress held in Great Britain in 1948. It is under the joint sponsorship of the Geological Society of America, the Paleontological Society, and the Society of Economic Paleontologists and Mineralogists of the United States and of Paleontographical Society of Great Britain.

In Doctor Scott's group there are authorities from this country and other countries, including several of Doctor Scott's former students who worked under his guidance in ostracode research for the Ph.D. degree, and who are now working in ostracode micropaleontology.

Paul R. Shaffer continued research on Tazewell and Iowan relationships in northwestern Illinois and eastern Iowa during the summer of 1952. This work was sponsored by the Illinois State Geological Survey and Iowa Geological Survey.

Harold R. Wanless attended the Second Conference on Origin and Constitution of Coal at the invitation of the Nova Scotia Department of Mines and the Nova Scotia Research Foundation at Crystal Cliffs, Nova Scotia, June 18-20, 1952. Professor Wanless gave a paper on "Field Relations Bearing on Coalification: Studies of Widespread Partings in Coal Beds."

Mrs. Wanless and Hal accompanied him. They visited Gaspe Peninsula, Quebec, and Montreal before returning to the States.

The remainder of the summer was spent in Urbana on research projects dealing with Pennsylvanian succession in the southwestern United States and regional stratigraphic analysis of the Pennsylvanian rocks of the United States.

During August he spent about a week in Texas supervising the field work of John Shelton, Ph.D. candidate.

George W. White and Mrs. White returned to Hiram, Ohio for the fourth consecutive summer, where Professor White continued his work for the U.S.G.S. on glacial geology of the Allegheny Plateau. He also supervised the Ph.D. thesis field work of Vincent C. Shepps in northwestern Pennsylvania, and inspected the Ph.D. field work of Nelson R. Gadd in the St. Lawrence Valley.

While doing field work he took time out to speak before the geology students at Hiram College on "Pleistocene History of North America."

LECTURES

Doctor Lester C. King, professor of geology, University of Natal, Durban, South Africa, lectured on "Continental Geomorphology" on December 11, 1951. Doctor King was making a tour under the sponsorship of the Distinguished Lecture Committee of the AAPG and spoke before several of the affiliated geological societies in the United States and Canada. His appearance at the University of Illinois was sponsored by the Geology Department and the Illinois State Geological Survey.

Frank A. Morgan, President of the AAPG spoke on "The Business of Oil Finding" before the students and staffs of the Department and the Geological Survey, February 8, 1952.

Doctor Curt Teichert, professor of geology at the University of Melbourne and internationally known for his work in paleontology and stratigraphy gave a series of four lectures on the campus February 22-28, 1952, sponsored by the departments of Geology, Zoology and Botany.

Ben F. Cox, Geology Director of the Gulf Research and Development Company, presented a lecture on "Clay Problems" as one of the Distinguished Lecturers of the AAPG on April 9, 1952. He was sponsored by the State Geological Survey.

On December 8, '52, Professor Teichii Kobayashi, a distinguished Japanese geologist spoke before the geology students and staff, sponsored by the Department of Geology. His subject was "Migration of Geosynclines of Orogenic Sedimentation in Japan" and "Some Aspects of Crustal Deformation in Eastern Asia."

CYCLOTHEM CLUB

The officers of the Cyclothem Club for the school year, 1952-53 are as follows: Vincent Shepps, president; Robert Fox, vice president; Forest Etheredge, treasurer, and Mary Mifflin, secretary. Faculty advisor is Professor Hough.

The fall picnic was held on October 25. While no "broken bones" were reported, Duffy Grossman "tangled" with "Poison Ivy"and much to his discomfort "Poison Ivy" won.

The Cyclothem banquet held last spring was, as in the past, highly successful.

GEOLOGICAL COLLOQUIUM

Weekly meetings, under the leadership of Mr. Jim Fisher, continue to be held during the noon hour. Speakers are staff members and students who discuss their research work in order to acquaint one another of work being carried on in the department.

MEETINGS ATTENDED

American Association of Petroleum Geologists:

On March 24-29, 1952, the annual meeting of AAPG was held in Los Angeles, California. There were 3500 geologists registered at the meeting, among them Professors Grim, Hough and Scott from the department.

A symposium on "Research Objectives in Modern Paleontology and Sedimentology" of which Doctor Scott was chairman and organizer, was well presented by a group of outstanding scientists and enthusiastically received by a large audience.

There were about 20 University of Illinois Alumni at the meeting; a majority of whom insisted on an Illinois luncheon. Doctor Grim and Doctor Scott represented the department. Alumni in attendance were:

Max David	Bill Fischer	W. H. Smith
K. O. Emery	Don Miller	Warren L. Taylor
Glen Ford	Carl F. Pampe	Des Utterback
Castle J. Harvey	Max Silverman	

Other alumni at the meetings were: Robert Scott, Jack Decker, Lois Schultz Herring, Charles Tomlinson, Wade McCormick, Francis P. Shepard and Bob Dietz.

The next annual meeting will be held in Houston in March.

Geological Society of America:

The annual meeting of the Society was held November 13-15, 1952, in Boston, Massachusetts. Papers were presented by Professors Chapman, Hough, Shaffer, Wanless and White. Many alumni were in attendance at the meetings.

American Association for the Advancement of Science

At the annual meeting of the AAAS in St. Louis during the Christmas holidays, several members of the department will present papers before Section E, the geology section. Professor Wanless (jointly with Dr. George E. Ekblaw of the State Geological Survey) will give a paper on "Illinois Glaciation in Western Illinois"; Professor Hough on "Late Glacial History of Lake Michigan"; Professor Foley on "Deep Aquifers in Southeastern Wisconsin"; Professor Gage on "Structural Geology in New Zealand." Vincent C. Shepps as joint author with Professor White will describe recent work on "Studies of Wisconsin Tills." Richard Threet, AB '47; MS '49, now at the University of Nebraska, will give a paper on tertiary stratigraphy. Professor White, as retiring vice president of the Association, will give his vice presidential address on "Early American Geology" on Monday evening, December 29, preceding the smoker to be held at Washington University.

Other meetings attended by the staff:

Doctor Shaffer was leader of the Mississippi Valley meeting of "Friends of the Pleistocene", May 9-11, 1952. Doctor White, accompanied by graduate students Shepps, Thompson, and Gadd, attended the conference.

The Tri-State Geological Field Conference, consisting of geologists from Illinois, Iowa, and Wisconsin, held their meetings this year in Illinois under the able leadership of H. Bowen Willman, Ph.D '34, and Steve Templeton, Ph.D. '40, as co-leader, with several junior members of the State Survey as assistants.

Doctor Wanless was elected chairman for 1955. When the conference returns to Illinois, he will select the area for the conference and supervise the work of the various associates who will assist him, as well as prepare the mimeographed guide book. It is probable that the conference will be held in the central Illinois valley, an area in which both the bedrock and glacial deposits have been studied intensively by Doctor Wanless.

Those in attendance this year from the department staff were: Maxwell Gage, Frank Foley, Paul Shaffer, and George W. White. A total of around 225 people attended the conference.

The 16th Regional Field Conference of the Kansas Geological Society met October 10-11, 1952, in west central and southwest Missouri. Those in attendance from the University of Illinois department of geology were William W. Merrill and James H. Fisher. Representatives from Kansas, Missouri, Oklahoma, Arkansas, Texas, Indiana and Illinois, were in attendance. The purpose of the trip was the study primarily of the Mississippian outcrops in the areas visited.

Professor White addressed members of the Naval Volunteer Reserve Research Unit in March on "The Russian Arctic", illustrated with slides and charts.

Professor White and Doctor Merrill were among the 157 speakers at the 61st annual meeting of the Ohio Academy of Science held at Kent State University, Kent, Ohio, in April. Professor White spoke on "Glacial Deposits in Northeastern Ohio", and Doctor Merrill talked on "Drainage Diversions in the Hocking Valley". (Professor White led the one-day annual field trip of the geology section of the Academy which was attended by over 100 geologists.)

GRADUATE STUDENTS IN GEOLOGY
I Semester, 1952-53

Bachelor's degrees

11 Alberta
4 Augustana
4 Arkansas
1 Bates
1 Baylor
1 Berea
1 Cal. Tech.
1 Centenary
1 Colgate
1 Coe
1 Colo. Sch. Mines
2 Franklin & Marshall
18 Illinois
1 Macalester
1 Marietta
3 Marshall
1 McGill
1 Mississippi
1 Mo. Sch. Mines
1 Monmouth
1 New York U.
1 Northwestern
1 Penn. State
1 Univ. of Philippines
1 Pittsburgh
1 Princeton
1 Radcliffe
1 Redlands
1 Rice
1 Syracuse
1 Texas
1 V.P.I.
2 U. of W. Ontario
1 Wichita
1 Wisconsin
2 Wooster
1 Yale

Master's degrees

1 Alberta
2 Arkansas
1 Colo. Sch. Mines
12 Illinois
1 Iowa
1 Kansas
1 Laval
1 Lehigh
1 Syracuse
1 Texas
1 Wisconsin
1 Wyoming

States represented

Arkansas
California
Connecticut
District of Columbia
Illinois
Indiana
Iowa
Kansas
Louisiana
Maine
Massachusetts
Missouri
New Jersey
New Mexico
New York
North Carolina
Oklahoma
Pennsylvania
S. Dakota
Texas
W. Virginia

Canada
Philippines

Sixty-five graduate students from 37 different colleges and universities, 21 states and two foreign countries.

FELLOWSHIPS AND ACTIVITIES OF FELLOWS

The following data about the *National Science Foundation Fellowships* may be of interest:

Number of applicants in U.S. (approximately)	3000
Number of fellowships awarded	624
Number of fellowships in *geology*	36
Number of fellowships in *geology* awarded University of Illinois applicants	3
Number of postdoctoral fellowships awarded	33
Number of postdoctoral fellowships awarded in *geology*	3
Number of postdoctoral fellowships awarded to University of Illinois applicants	1

The three winners from Illinois (in geology) were: *Edwin W. Tooker, Jayne Gray, Wilford F. Weeks.* Ed received his Ph.D. in June '52. He is now doing post-doctoral research work under Professor Ralph E. Grim, on high temperature clay mineral structures. Jayne Gray, who was graduate assistant last year working with Doctor Hough on the *Journal of Sedimentary Petrology*, is studying Cenozoic pollen at the Danish Geological Survey in Copenhagen, Denmark, while technically a graduate student at the UI. Wilford Weeks, who received his BS in '51 and has completed work for the MS, which will be received in '53, is studying for the Ph.D. under Hans Ramberg at the University of Chicago.

The Illinois Clay Products Company Fellowship is held by Leonard G. Schultz, who received his MS in geology in February '52. Leonard is working toward the Ph.D. under the guidance of Professor Grim, on plastic refractory clays.

Patrick J. S. Byrne (MS '51 University of Alberta) continues for a second year as holder of the *National Lead Company* fellowship. Pat is working for the Ph.D. under Professor Grim in clay mineralogy on the structure of montmorillonite in bentonite.

John W. Shelton, MS '51, holds the *Shell Oil Company* fellowship in geology this year. John is working on the Ph.D. degree under the direction of Doctor Wanless on the Pennsylvanian in north-central Texas.

The department was granted a *California Company* fellowship for the year 1952-53, and the holder is Henry S. Brown who received his bachelor's degree from Berea College in June '52.

Illinois (Graduate College) fellowship holders are: B. S. Brockhouse, MS '51, who is working toward the Ph.D. degree under Doctor Scott; Arnold C. Mason, who was a graduate student here in 1941-42, and who has worked for many years for the USGS with his latest assignment being in Japan; F. L. Staplin, who received his BS and MS from the University of Texas and who has served as part-time graduate assistant in the department since September '50, is working under the direction of Professor Scott; Mary Ann Strouse who received her AB degree from the College of Wooster in June '52; and Joseph VanDenBerg, who has a BS degree from the University of Arkansas, '52.

Those working in engineering geology and in foundation studies will be interested in Arnold C. Mason's paper in the November 1952 *Civil Engineering* on the open-caisson method used to erect a large Tokyo office building.

Mr. Mason, who was a graduate student at Illinois in '41-42, and has returned this year to complete the work for his Ph.D. degree, is on leave from the USGS where he has been on assignment to the Engineer Section, Headquarters, Far East Command. His well-illustrated article describes the foundation conditions at the site of one of the large new post-war buildings in Tokyo. The four basement stories of this building, covering about an acre, were built above ground and gradually lowered into place by caisson sinking methods. While the basement was slowly subsiding to its ultimate position, work on the 9 story superstructure was begun.

GEOLOGY 315, FIELD METHODS

For many years the Easter field trip in Field Methods course was made to southern Illinois, Giant City State Park and vicinity. Last spring Doctor Wanless, with John B. Droste as assistant, selected Crittenden County, Kentucky, as the site for the Easter trip because of its rugged surface and its outstanding geologic features, including fluorspar and other resources. Eighteen students were enrolled in the course. On their return trip they stopped at Rosiclare, Illinois, where Doctor A. H. Sutton, formerly of the staff, and now chief geologist of the Aluminum Company of America, conducted the group through one of their fluorspar mines.

DEPARTMENT FIELD CAMP IN COLORADO

Twenty-nine students, graduates and undergraduates, their four instructors, W. M. Merrill, director; D. M. Henderson, assistant professor; Frank H. M. Rhodes, visiting instructor, and John B. Droste, half-time assistant, and six members of the families of two of the married students spent the summer on the campus of Fort Lewis A. & M. College, near Durango, Colorado. The camp opened June 21 and closed August 5. The students came from the University of Illinois, the University of New Hampshire, Augustana College at Rock Island, Illinois, Monmouth College at Monmouth, Illinois, Amherst College, Amherst, Massachusetts, and Marshall College, Huntington, West Virginia.

Under the direction of Doctor Merrill, who has been with the field station for three successive summers, the group studied the geology in the vicinity of Fort Lewis. The students made geologic maps, using aerial photographs and telescopic alidades. A week was spent in the detailed study of the sedimentary column. Trips away from the campus were taken to study the geology of the Goose Necks in the San Juan region, in the Ship Rock region, New Mexico, and detailed studies were made of the Jurassic section in the Ute Mountains area.

Under the supervision of Doctor Henderson a group of 12 students studied a small area of pre-Cambrian rocks on the western edge of the East Needle Mountains, approximately 50 miles northeast of Fort Lewis. The party camped on Lime Creek during the first four days of the period and commuted from Fort Lewis during the balance of the time.

MARRIAGES REPORTED

Allan G. Bird, BS '51, and Dorothy Ryner, August 1951.

Robert W. Fisher, and Martha Johnson, April 5, 1952.

Robert N. Grinnell, BS '51; MS '52, and Diane Goff, June 21, 1952.

Ann Hartshorn, BS 6-48, and Erwin Johannes, June 11, 1952.

James D. Herold, BS 6-49, and Obeline Jarvis, October, 1950.

Frank H. T. Rhodes, post-doctoral fellow 50-51 and staff summers '51 and '52, and Rose Lillian Carlson, August 16, 1952.

Wilford Frank Weeks, BS 6-51, and Beverly Jean Smith, June 8, 1952.

Beverly Ann Solliday, BS 6-50, and Jack W. Pierce, BS 8-49; MS 8-50, September 28, 1952.

Eugene G. Williams, MS 8-52, and Phyllis Keat, June 28, 1952.

Clyde Fisher and Mary Lou Luebbing, February 15, 1951.

Patrick J. S. Byrne and Grace Norah Young, December 28, 1951.

Henry N. Watkins and Margaret Bates, November 27, 1952.

BIRTHS

LESLIE GRAE, daughter of Frances and Allen Agnew, 11-26-52.

————, daughter of Mr. and Mrs. William Bierschenk, 1-31-52.

BRIAN DOUGLAS, son of Mr. and Mrs. Robert Brockhouse, 10-18-52.

ANN MARIE, daughter of Mr. and Mrs. Robert Brownfield, 7-31-52.

LOUISA ELAINE, daughter of Dorothy and John Chapman, 12-7-52.

JOHN EVERETT, son of Doris and Ed Eveland, 7-16-52.

————, son of Mr. and Mrs. Phillip Busch, 12-6-52.

CYNTHIA MARY, daughter of Mr. and Mrs. Clyde Fisher, 9-15-52.

————, daughter of Mr. and Mrs. Henry Groves, 7-3-52.

SUSAN HELEN, daughter of Mariana and Bill Johns, 11-5-52.

CHRISTINE BETH and JUDITH KAY, twin daughters of Joan and Jack Harrison, 12-22-51.

DEBRA LEE, daughter of Mr. and Mrs. John Hathaway, 7-29-52.

WILLIAM PAUL, son of Muriel and Paul Kratz, 10-30-52.

ALEX BERNHARD, son of Dr. and Mrs. Bernhard Kummel, 1-3-52.

KEITH MAXWELL, son of Joan and Ray McAllister, 8-21-52.

JUDITH ANN, daughter of Louisa and Jim McDivitt, 11-4-51.

DONALD ALLYN son of Jackie and Jerry Patterson, 4-3-52.

ALLEN JAMES, son of Jewell and Bill Pampe, 11-1-52.

ROBIN LEE, son of June and Robert Rogers, 10-30-51.

JOHN LELAND, son of Joanne and Bob Scott, 4-30-52.

ELIZABETH ANN, daughter of Dr. and Mrs. Paul R. Shaffer, 10-29-51.

GAIL MICHELE, daughter of Peggy and Donald Snodgrass, 1-6-52.

PATRICIA ANN, daughter of Dorothy and Dick Threet, 1-1-52.

————, son of Mr. and Mrs. Robert Urash, 6-30-52.

————, daughter of Beverly and DeWitt Van Siclen, 8-52.

DAVID HUGH, son of Faith and Hugh Walk, 10-13-52.

DOUGLAS WILSON, son of Virginia and Gene Wilson, 2-4-52.

DEATHS

ROBERT W. GERWING, BS '50, passed away in his sleep early Tuesday morning, June 24, 1952. Bob had a heart problem resulting from illness while he was a graduate student in 1950-51. Bob had been working just previous to his death for the Pure Oil Company in Chicago.

NEWS OF ALUMNI AND FORMER STAFF

Allen Agnew, MS '42, is head of the USGS district office in Platteville. He has six men working under him, including John E. Carlson, who received his BS at UI in '49, and his MS at Idaho in '51

Julian J. Altrogge, AB '49, formerly with the Texas Company, writes that he is now an independent consulting geologist, located at 312 Federal National Bank Bldg., Shawnee, Oklahoma. He reported that he saw Don Fulkerson and wife on their way from Montana to Paris, Arkansas, where Don had a job with Carter.

Dewey H. Amos, MS '50, who has been stationed at Fort Belvoir, Virginia, since June '51, is now with the US Geological Survey.

Gerald Keith Anderson, BS '49, formerly with the Department of Geology at Miami University, is now with The Ohio Oil Company in Jackson, Mississippi.

Philip Bardell, BS '50, spent 4 months touring Europe by motor cycle after graduating in June '50. On January 25, 1951, he enlisted in the Navy. He was trained in aerography and is now assigned to a ship in the Korean waters - 1-8-52.

Captain Evan G. Barnard, BS '44, stopped at the office for a few minutes during registration time, Sept. 18. Captain Barnard was on his way to the Far East, probably Korea. He has been in the army since Dec. '51. His family is living at 721 W. Osage, Normal, Ill.

Charles Bauer, MS '46, visited the department on May 15 and gave us news of several former staff members. Charles is with Carter Oil Company at Mattoon.

Allen G. Bird, BS '51, is now mine geologist and engineer with Consolidated Caribou Silver Mines and located at Boulder, Colorado, since June '51. He was married to Dorothy Ryner in August, 1951.

Helen Storm Bowman, AB '48, and daughter Cathy visited us in May. They are living in Elgin.

Robert B. L. Bremer, BS '40, of Compton, California, visited the department in July. He inquired about former alumni Courtland Reid and Oliver Reimfohr.

Lt. John A. Brophy, MS '49, is now in Korea. He visited with Bob Knodle in Seattle just before they both shipped out for Korea. John expects to be released some time early next year. He is Communications Platoon leader for the 31st Infantry Regiment. In addition to his assigned duties, John is kept busy "identifying mineral specimens". His address is:

Lt. John A. Brophy, 0551431
HQ & HQ Co. 31st Inf. Regt.
APO 7, % PM, San Francisco, Calif.

Alan D. Buck, BS '50, is with the Petrography Section of the Concrete Research Laboratory at the Waterways Experiment Station near Jackson, Mississippi. This laboratory does research for the Corps of Engineers on concrete. The application of petrographic methods to the study of concrete is a fairly new field which has come into prominence in the last ten years.

Robert C. Campbell, who was a graduate student at Illinois, '50-52, is now with the New Jersey Zinc Co., Platteville, Wisconsin.

Jack Century, BS '51; MS '52, who accepted a position with Stanolind Oil Company upon receiving the master's degree, worked for about ten weeks in the field as geophysical helper and then was moved into their office in Cordell, Oklahoma. He expects to be moved to Oklahoma City in early December of January. He writes that he is highly satisfied with his job.

Dr. Donald H. Chapman, professor of geology at the University of New Hampshire, who has been on our summer teaching staff for three summers, spent the summer of '52 as the leader of a tour in Scandinavia sponsored by the Bureau of University Travel. He will be in charge of a similar group during the summer of '53. Places visited will be Paris, Brussels, Amsterdam, Copenhagen, Stockholm, Oslo, London, Liverpool, etc. Dr. and Mrs. White were guests of Dr. and Mrs. Chapman in their new home in Durham, New Hampshire, for several days before the GSA meetings in Boston in November.

George V. Cohee, Ph.D. '37, for the past year Chairman of the Department of Geology, University of Arkansas, returned to the USGS, Washington, D.C., in July to reorganize and head the Office of Geologic Names and Reports. In August Doctor Cohee was nominated for editor of the Bulletin of the American Association of Petroleum Geologists.

Robert J. Cordell, BS '39; MS '40, received the Ph.D. at the University of Missouri in 1949. After leaving the UI in '40, he went to the University of Missouri for the Ph.D. work, and taught from half-time to full-time there for several years. In 1947 he accepted a teaching position at Colgate University and remained there until June, 1951, at which time he accepted the position of research paleontologist with the Sun Oil Company in Abilene, Texas.

The Cordells have two children, Victor Vail, 6 years old, and David Mark, born July 24, 1951.

Bob sent us news of Richard Weart and Robert Zinser.

James David Dewhirst, BS '50, who is associated with the FBI in Boston, Massachusetts, visited the department on October 11. He attended the Washington-Illinois football game.

Edward Dillon, MS '49, wife, Charlene and son, Edward Hamilton (Ned), 2 yrs., visited the department while on vacation in May. Ed is with Shell Oil Company in Midland, Texas.

He gave us news of Lindell VanDyke, Virgil Kennedy, and Martin Deuth.

Ed is director of the Junior Chamber of Commerce and state chairman of an important committee.

Roy M. Dooley received his BS degree in geology in June '52, twenty-four years after receiving his first BS degree in journalism from the University of Illinois. Roy is now engaged in independent consulting work in Vandalia, Illinois.

Harmon E. Eveland, Jr., Ph.D., '50, is head of the geology department at Lamar College, Beaumont, Texas. He and Doris have 4 boys, Kenny, Tommy, Dickie, and John. They have purchased a three-bedroom house in the wooded part of Beaumont and are very happy with it. Ed gave a paper at the GSA meetings in Boston in November.

Victor N. Fischer, MS '37, is Division Geologist with Skelly Oil Company, in Tulsa.

Donald W. Franklin, MS '39, is now district geologist for the Ohio Oil Company at Midland, Texas. Midland is one of the Company's largest district offices and this represents a distinct promotion for Don.

Robert Louis Fuchs, MS '52, (BS '51, Cornell) has accepted a permanent position on the geological staff of The Socony-Vacuum Oil Company, Venezuela, for whom Bob worked during the summer of 1951 in Venezuela. Bob was sent to the Shreveport office of Magnolia Petroleum Company for six months' training in the United States before reporting to the Venezuela office.

Harold L. Geis, MS '33, announces the opening of office as consulting geologist, petroleum and natural gas, 1535 Mellie Esperson Building, Houston, Texas.

John Gilmore, BS '32, is consulting geophysicist in Wichita Falls, Texas. He was formerly with American Airlines in Tulsa.

Nancy Girhart, MS '48, has left the rehabilitation hospital as of last June and is now living in an apartment at 2911 8th St., SE, Washington 20, D.C. She has been working full-time at the USGS lab. for nearly three months. We are glad to know of her complete recovery.

Jack Allen Glendening, AB '48, who has been working for the Creole Petroleum Corporation in Caracas, visited the department this fall. He left a change of address as he is being sent to Maracaibo, Venezuela.

Robert L. Glossop, BS '52, sent word on September 11 that he was with "Uncle Sam's Air Force" and stationed at Park Ridge, Illinois.

Dorothy Jean Gore completed work for the master's degree in June '52 and is now teaching in the Department of Geology at The Principia College, Elsah Illinois, where she received her BS degree in '48.

Jane Gray, graduate student and assistant last year, is this year National Science Foundation Fellow. Altho technically a student at UI, she is studying in Copenhagen this year. She seems to be enjoying her stay there as she says "I am happily settled and have been busy with my studies for some weeks now. Copenhagen is indeed a lovely city and with the help of a bike which I purchased the 2nd day here, with the aid of a dictionary and a bit of sign language, I have explored most of it. I have visited most of the museums, castles, etc., and have been several times to the ballet in which the Danes do indeed excel." Jane plans to see as much of Europe as possible before returning to the States.

Robert N. Grinnell, MS '52, is with Magnolia Oil Company, Bismarck, North Dakota. He has been doing surface structure mapping and likes it very much. They are working in the Badlands along the Little Missouri River.

Ray Gutschick, Ph.D. '42, who is now teaching at the University of Notre Dame attended the Tri-State Field Conference held in Illinois October 11-12, '52. Ray gave a paper at the GSA meetings in Boston in November.

Lloyd A. Harris, AB '39, is now with English and Harris Consulting Company of Mattoon, having been formerly with The Carter Oil Company of that city.

John V. Harrison, visiting professor of geology, 51-52, has resumed his teaching duties at Oxford University. At the close of the school year in June, Professor and Mrs. Harrison travelled extensively thruout the northwest, visiting San Francisco, Vancouver, BC., Calgary, Alberta, and the Rocky Mountain region. They visited mines and oil fields in the West. During their year here the Harrisons made many friends and took an active part in campus activities.

Ann Hartshorn, BS '48, is now Mrs. Erwin Johannes. Ann visited us on June 11. She is continuing with Shell Oil Company in the Production Division. Her husband is a chemical engineer.

Castle J. C. Harvey, BS '32, formerly with the Atlantic Refining Company of Tulsa, is now manager of the geophysical department of the Deep Rock Oil Company in Tulsa. Mr. Harvey attended his first Homecoming this fall since he left here in '32. He gave us news of Harold Geis and John Gilmore.

John M. Henton, MS '49, visited the office in September. He is with the California Company, stationed in Shreveport, La. He is attached to the geophysics division. In this capacity he has been stationed over the past one and one-half years at Greenville, Illinois, and several other locations in various states, Mississippi, and others; and recently returned to Shreveport where he hopes to be more permanently located.

James D. Herold, BS '49, was married to Miss Obeline Jarvis in October, 1950. He is working for Geological Well Service Company of Abilene, Texas.

Melvin L. Irwin, MS '41, is now area stratigrapher for Shell Oil Company, Calgary, Canada. He was previously located in Louisiana.

Robert D. Knodle, BS '47; MS '48, after spending the past year in Korea, has been released from the Army and is now back at his desk with the Illinois Geological Survey, as assistant geologist.

Milton Langer, BS '51, is with the Signal Corps and stationed at Ft. Monmouth, New Jersey. When he visited us in September he was "nursing" a broken leg encountered in his training program.

Morris W. Leighton, MS '47, who recently received his Ph.D. from the University of Chicago, is working in the Carter Research Laboratories in Tulsa. Doctor Wanless visited with him when he was in Tulsa in March.

Raymond F. McAllister, MS '51, is with the Scripps Institution of Oceanography, LaJolla, California. His son, Keith Maxwell, was born on August 21, 1952.

Mrs. Robert E. Moore, (Jean Geisler) MS '49, visited the department during Homecoming weekend. Bob is with the Shell Chemical Company in Houston, and Jean has her own consulting office in Houston.

John Davis Mortimer, BS '49, says "working for Atlantic has been and is a wonderful experience." During the first two months with them the Dallas office sent him on a sightseeing tour of Gulf Coast operations and then assigned him to the southwest Texas District. After completing the initial geological training period he was assigned to the Tulsa District Office as a geologist.

Albert N. Murray, Ph.D. '28, was host to Doctor Wanless during his trip to Tulsa in March. Doctor Murray's family consists of his wife, the former Esther Utzig, an assistant in geography at UI, and two children, Ann, now a sophomore in Tulsa University, and Frederick, a junior in high school. Frederick is 6'4" tall.

William A. Oliver, BS '48, received his Ph.D. in June from Cornell University. He is now an instructor in paleontology, Brown University, Providence, Rhode Island. During the summer he did research for the State Museum and Survey at Albany, New York. The Olivers have a 3-year old son, Robert.

Robert L. Painter, BS '41, is reported to be working in Arabia.

Carl F. Pampe, BS '41, Division Geologist with Pure Oil Company of Olney, Illinois, was on the campus the weekend of November 22, interviewing students as prospective employees of his company. He gave me news of Carlyle Hoffman, Bob Painter, Wilber Stevenson, and the birth of his nephew, Allen James. "Carl is now a proud uncle"!

Howard L. Patton, MS '48, Margaret and daughter, Ann, stopped off in Urbana for a few minutes on October 13. They were on vacation, having spent a week at his home in southern Illinois and were enroute to Iowa to Margaret's home. As of November 12 they have been transferred to the California Company office, Box 510, Pensacola, Florida.

Roger J. Patzer, BS '52, writes that he is working as computer for Southwestern Consultants, Inc., a subsidiary of Southern Geophysical Company. They are at present engaged in seismic exploration of the Montana portion of the Williston Basin (11-4-52)

Robert Pervinsek, BS '51, writes that he has accepted a position with General Geophysical Company in Lovington, New Mexico. He says "I'm looking forward to the next department bulletin in order that I may contact some fellow Illini out here". See alphabetical listing for address.

Russell S. Poor, Ph.D. '27, Chairman of the University Relations Division of the Oak Ridge Institute of Nuclear Studies, was granted a leave of absence to go with the National Science Foundation in Washington. He took up his duties there on February 18, 1952. Dr. Poor is heading the Research Education Section of the Division of Scientific Personnel and Education of the NSF. As Chairman of the University Relations Division of the Institute, Doctor Poor developed and supervised a variety of programs whose major purpose was the utilization of Oak Ridge facilities in university graduate and research programs.

Richard K. Rapp, BS '49, returned to the campus for Homecoming. He is with the Morton Pottery Company, Morton, Illinois. He gave us news of his coming marriage. Congratulations.

Raymond W. Hall (Tim) BS '50; MS '51, Betty, and their two children, Bobby and Mary, spent part of their vacation in August in Urbana visiting the campus and friends. Tim is with Pure Oil Company in Midland. They recently purchased a new home at 403 Holly Drive.

Robert E. Rogers, BS '43; MS '48, stopped in at the office in April and reported the birth of a son in October, 1951. They now have two boys, Randy and Robin Lee. Bob is with the Skelly Oil Company in Shreveport.

Robert P. Scott, MS '51, with the Texas Company in California, sent news of the birth of a son, John Leland, born April 30, 1952. Bob is engaged in sub-surface work on the east side of the San Joaquin Valley. Address: 519 Goodman Street, Bakersfield, California.

Robert H. Shaver, BS '47; MS '49; Ph.D. '51, has been promoted from assistant professor at the University of Mississippi to chairman of the department of geology with the rank of associate professor.

Conrad E. Shaw, BS '52, after graduation, worked for the USGS at Rolla, Missouri until October 10. He is at present employed by the Ashland Oil and Refining Company at Henderson, Kentucky. His present address is: 906 N. Main Street, Henderson, Kentucky.

Raymond S. Shrode, MS '50, is co-author with Robert M. Grogan, of an article in the American Mineralogist (1952) on "Formation Temperatures of Southern Illinois Bedded Fluorite as Determined from Fluid Inclusions". Ray is assistant geologist on the Illinois Geological Survey and is working toward the Ph.D. degree in mineral deposits.

Raymond Siever, (Ph.D. Chicago) associate geologist at the State Geological Survey, who has taken some post-doctoral work in the University, won the 1952 president's award of the AAPG. The award is made annually to the author of the "most significant original contribution to petroleum geology". His winning paper, "The Mississippian-Pennsylvanian Unconformity in Illinois" was part of his dissertation for the Ph.D. degree submitted to the University of Chicago in 1950. Presentation of the award, which includes $100 in cash, will be made at the Biltmore Hotel, Los Angeles, Calif., on March 25, at the 37th annual meeting of the association.

Thomas A. Skeels, BS '32, was on the campus the weekend of October 25 for his first homecoming since he left here. He is now teaching at Elderwood School, Tulare County, California, and plans to retire in June. He has been active in teaching and in superintendency duties. He married Viola Anderson in Salt Lake City in 1947. He has 3 children by a former marriage and one grandson.

Norman F. Sohl, BS '49; MS '51, is this year instructor in geology at Bryn Mawr College. He reported at the GSA meetings in November that he and Dotty enjoyed Bryn Mawr very much.

Beverly Ann Solliday, BS '50, and Jack W. Pierce, MS '50, were married on September 28 in Stonington, Illinois, Beverly's home town. After honeymooning in New Orleans, they left for Gillette, Wyoming, where Jack is with the Pure Oil Company.

R. A. Steinmayer, BS '16, Head, Dept. of Geology, Tulane University, writes concerning his recent activities. During the past two years he has received two grants-in-aid from the Carnegie Foundation Research Fund to assist in his study on "The Effects of Long Time Stresses and Fatigue Acting on Monumental Stone". He is vice-president of the New Orleans Chapter of Sigma Xi. He has served as officer of the Swiss American Historical Society, New Orleans Chapter, Reserve Officers Assn., New Orleans Academy of Sciences, New Orleans Geological Society and Louisiana Engineering Society. We appreciate receiving information concerning these recent activities.

Wilbur L. Stevenson, BS '52, who started to work for the Pure Oil Company at Olney, Illinois, is back in the Army. He is stationed at Fort Bliss, ElPaso, Texas. We understand he was married on October 17, 1952.

Richard W. Stute, MS '50, is a lieutenant in the Air Force and is stationed at Wright Air Development Center, Box 8734, Dayton, Ohio. During the summer of 1951 he was in Alaska on photo interpretation work. He will be in the Air Force at least two more years.

Robert A. Surratt, BS '50, early in January 1951 was flown to Turkey by the Metcalfe, Hamilton, Grove Construction Companies, engaged in building an airfield at Adana, Turkey. While there he met and worked with several engineers from Turkey who had attended school in the States, including two from Ill..

Bob took many interesting side-trips, including visits to Jerusalem, Damascus, Jordan, and Bierut After the completion of the job he returned to the States stopping off in Rome, Geneva, Paris, and spending ten days in London. He reports that he grew quite fond of Turkish coffee.

Arle R. Sutton, staff '27-46, and Mrs. Sutton, visited the campus and friends in Urbana-Champaign during the weekend of September 26. They attended the Iowa-Illinois football game.

Doctor Sutton has given the State Geological Survey a kodachrome sound motion picture film on fluorspar mining in Illinois. The film will be made available for educational purposes by the Survey. It is a film on underground mining. It shows the occurrence of fluorspar ore in vertical veins, methods of exploration, mining and preparation processes and the techniques used.

Richard L. Threet (Dick), AB '47; MS '49, attended the University of Washington to work toward the Ph.D. degree. After spending two years there and two seasons in the field in southwestern Utah during the intervening summers, he accepted an instructorship at the University of Nebraska in 1951. He received the Ph.D. in June of '52 and was then promoted to the rank of assistant professor. He is teaching courses in earth science, historical geology, engineering geology, plane table mapping, photogeology and petroleum geology. He plans to attend the AAAS meetings in St. Louis during the Christmas vacation where he is to give a paper. Dick sent news of his brother Jack, Dave Brierley, aand Willie Irvin. The Threet's have a daughter, Patricia Ann, born January 1, 1952. They have bought a home at 2932 N. 57th St., Lincoln, Nebr.

Lindell L. Van Dyke, MS '48, writes from Korea, 6-23-52, that he was called back in the Army in July '51, and that he had been in Korea since March '52. While stationed at Camp Polk, La., he visited with Bob and Ruth Kraye. Just before shipping out he saw Bob Knodle in Seattle. About three weeks before Van wrote me, John Brophy, was assigned to his unit. Van was with the 57th Field Artillery, part of the 7th Division. John was Communications Officer in the same infantry outfit. Van wrote that Virgil Kennedy was back in the Navy, and that Carlos Barkley had been in Korea, gotten a Bronze Star, and he thought had been returned to the States.

Van's wife and daughter have been in Champaign while he has been in Korea. His daughter was only 4 days old when he left. Van hopes to leave Korea early this month. We hope to see him upon his return.

DeWitt Van Siclen, MS '41, who has been in the Air Force for the past year expects to be released in November. Since February Van has been Executive Officer of the Office of Scientific Research, Air Research and Development Command, at Baltimore, Md.

William L. Vineyard (Bill), MS '50, is with the Texas Company in Houston. They spent their vacation near Logan, Utah, and hoped to pass by Durango, Colorado and visit our field camp. They own a house not too far from Karl Koenig and Jean Moore. Bill says, "My family consists of wife, Jean, daughter, Janine, and 'Captain Waddles' our pet duck"!

Oscar E. Wagner, Ph.D. '32, formerly with Mid-Continent Petroleum Corporation in Tulsa, is now with Wilcox Oil Company in Tulsa. Doctor Wanless saw Mr. Wagner when he visited Tulsa in March.

Hugh G. Walk, MS '48, worked for a couple of years for the Sohio Petroleum Company after receiving his MS degree. He then enrolled at the University of Colorado as a graduate student and graduate assistant. His work for the Ph.D. has been completed except for his dissertation. Hugh accepted a job as assistant professor of geology at Marietta College, Marietta, Ohio, September '52. David Hugh, their second son, was born October 13, 1952.

Marvin Walker, BS '51, upon graduation accepted a job as geologist for J. L. Black Oil Producers Inc. He is now engaged in consulting work in Indiana and Illinois. He reports more business than he can take care of. He is married and has a boy 2 years old. His address is: 321 S. Baltimore, Olney, Ill.

Lorna Ross Walters, BS '46, is reported to have spent some time in Japan and the Hawaiin Islands during the summer of 1952. We would be glad to hear from her, as her last newsletter was returned.

Wilford Weeks, BS '51, is this year National Science Foundation Fellow in Geology, working at Chicago toward his Ph.D. in the areacof chemical geology. His master's thesis on the Ute Mountains, Colorado, igneous structures, is completed and he will receive the UI MS degree in February, 1953. He was married to Beverly Jean Smith on June 8, 1952.

Edwin A. Welge, BS '52, is with the Continental Oil Company, Box 28, Durant, Mississippi. He sent us a copy of the company's newspaper for September, which carried a series of pictures showing how his party checks the earth's structure. Ed extends an invitation to any member of the department who might pass thru Durant to visit him.

Eugene G. Williams, MS '52, is this year instructor in geology at Kent State University, Kent, Ohio. He was married on June 28 to Phyllis Keat. Gene spent most of the summer working with Doctor Chapman in Maine.

Virgil Winkler, Ph.D. '41, chief paleontologist of the Creole Petroleum Company of Caracas, Venezuela, wife and two children, Maraima and Melvin, spent their vacation in the States this summer. Virgil visited us on October 8.

Frank O. M. Wuellner, ex '43, was ordained priest in Peoria, Illinois, July 1, 1952. Father Wuellner was enrolled in geology from 41-43, prior to entering the armed services. He serves as second lieutenant in the Air Borne Infantry as a paratrooper and saw active duty in the European theatre. He was a student at St. Ambrose College, Davenport, Iowa, from 1946-48, when he started seminary work.

Ed and Doris Zeller, BS '46, attended the International Geological Congress held in Algiers in September, 1952. Ed received his Ph.D. from Wisconsin in '51. Doris received her AB degree from UI in '46, and is working toward an advanced degree. Ed is working for the Atomic Energy Commission in Madison, Wisconsin.

Walter H. Ziebell, MS '49, writes on May 11, '52, that for the past year and a half he has been working as a consulting geologist in Cuba.

ADDITIONS AND CHANGES TO ALUMNI LIST OF 1951

ALTROGGE, Julian J., AB '49; (independent, consulting geologist), 312 Federal National Bank Building, Shawnee, Oklahoma.

AMOS, Dewey H., (BS Marietta College '49); MA '50: Address desired.

ANDERSON, Gerald K., BS '49; (MS Texas Tech. '50): The Ohio Oil Company, 702 Millsaps Bldg., Jackson 1, Mississippi.

BAIRD, Donald W., (BS Monmouth '50); Grad. student, 51-52: Ohio Oil Company, Terre Haute, Indiana.

BAKER, Ray Gordon, BS '52: % Logan Smith, Route 1, Box 200, Stacy, Virginia.

BARDELL, Philip W., BS '50: AGAN, 303-99-39 (N. Div.), USS Geo. Clymer (APA 27), % Fleet Post Office, San Francisco, California.

BAUER, Mrs. Robert (Colene Rae Woodmency) BS '51: 806 Kennedy Street, N.W., Washington, D.C.

BAYSINGER, Eugene M., (BS Ill. Normal '33): The Texas Company, New Orleans 9, Louisiana.

BEAN, Beryl K., AB '30, MS '38: Gulf Refining Company, Box 774, Evansville, Indiana.

BIERSCHENK, William H., (BS Princeton '51); Grad. student '50-52: USGS, Ground Water Branch, 101 Custom House Building, Providence, Rhode Island.

BIRD, Allan, BS '51: Consolidated Caribou Silver Mines, Boulder, Colorado.

BITTEN, Bernard I., BS '49: American Zinc Company, Metaline Falls, Washington.

BLACK, Ronald E., BS '50: 322 E. Lincoln, Onarga, Illinois (home).

BLEEKS, Samuel H., (EX 38-41): (home) 414 N. 12th Street, Mt. Vernon, Illinois.

BOATMAN, Richard S., BS '48; MS '52: USGS, Room 338, U. S. National Museum, Washington 25, D. C.

BRADY, James N., BS '50: Ashland Oil and Refining Company, Ashland, Kentucky.

BROWN, George P., AB '42; USGS. 1823 19th St., N.W., Washington, D. C.

BROWN, Mrs. Robert L., BS '51: 5445 E. View Park, Chicago, Illinois.

BROWNFIELD, Robert L., (BS St. Louis Univ. '50); Grad. student, 50-52: The Texas Company, Shawnee, Okla.

BUCK, Alan D., BS '50: Waterways Experiment Station, PO Box 112, Clinton, Mississippi.

CAMPBELL, Robert C., (BS Lawrence Coll. '50); Grad. student 50-52: New Jersey Zinc Company, Platteville, Wisconsin.

CASCIO, Basil J., BS '52: (home) 1226 S. Independence, Rockford, Illinois. 2nd Lt., US Air Force, Biggs AF Base, El Paso, Texas.

CENTURY, Jack B., BS '51; MS '52: Stanolind Oil Company, The Cravens Bldg., 119 N. Robinson, Oklahoma City, Oklahoma.

COFER, Harland E., Jr., (BS '47, MS '48 Emory Univ.); Grad. student 50-51: Dept. of Geol., Emory University, Emory University, Georgia.

COHEE, George V., BS '31; MS '32; Ph.D. '37: USGS, Office of Geologic Names & Reports, Washington 25, D.C.

CONDON, James C., AB '38; (MS U. of Iowa '41): Consulting geologist, Orpheum Bldg., Wichita, Kansas.

CORDELL, Robert J., BS '39; MS '40: Sun Oil Company Research Laboratory, 1226 N. 3rd St., Abilene, Texas.

CRAMER, Raymond A., Jr., BS '50: 8523 S. Essex, Chicago 17, Illinois.

CREAGER, James E., (Ex'21): (home) 2626 Hurd Avenue, Evanston, Illinois. Vice president, Jewel Paint & Varnish Co., 345 N. Western Ave., Chicago 12, Illinois.

CROOKS, Harold F., AB '16; MS '18: 438 Palm Drive, Vista, California.

DELLENBACK, Charles R., BS '52: Grad. student: 410 S. Busey, Urbana, Ill.

DEWHURST, James D., BS '50: FBI Office, 290 Broadway, Jackson Heights, Long Island, New York.

DOOLEY, Roy M., BS '52: Consulting geologist, PO Box 203, Vandalia, Ill.

FALZONE, Harold H., BS '50: grad. student, Dept. of Geology, Univ. of Wyoming, Laramie, Wyoming.

FARNUM, Mrs. Larry (Jeanne Seaman) BS '43: 835 Hollins Drive, Alexandria, Virginia.

FARRELLY, Peter J., BS '52: Grad. student: 604 E. Armory, Champaign, Ill.

FISHER, James H., AB '43; MS '49: Instructor, Dept. of Geol., Univ. of Ill., Urbana, Ill.

FRANKLIN, Donald W., AB '37; MS '39: District geologist, Ohio Oil Company, Midland, Texas.

FRIES, George T., BS '52: % C. K. Willett, Consulting Engineers, 317 N. Galena Avenue, Dixon, Ill.

FUCHS, Robert L., (BS Cornell Univ. '51); MS '52: (home) 83 Ketcham Ave., Amityville, New York.

FULKERSON, Donald H., BS '50; (MA Wyoming '51): Carter Oil Company, Paris, Arkansas.

FUNNEKOTTER, Theodore, BS '50: Stanolind Oil and Gas Company, Thibodaux, Louisiana.

GADD, Nelson R., (Bs Univ. W. Ontario '46: MS Laval '48): Grad. student '50- : Geological Survey of Canada, Ottawa, Canada.

GEIS, Harold L., AB '31; MS '33: Consulting geologist, 1535 Nellie Esperson Bldg., Houston, Texas.

GILLIS, Albert E., BS '50: Calvert Drilling, Inc., 203 S. Fair, Olney, Ill.

GILMORE, John, BS '32: Consulting geophysicist, Wichita Falls, Texas.

GINNARD, Nancy, Bs '46; MS '48: Apt. 201, 2911 8th St., S.E., Washington 20, D. C.

GLENDENING, Jack A., AB '48: Creole Petroleum Corp., Apartado 889, Maracaibo, Venezuela.

GLOSSOP, Robert L., BS '52: (home) 29 N. Main St., Winchester, Ill.

GOLDMAN, Charles R., AB '52: (home) 204 W. Michigan Street, Urbana, Illinois.

GORE, Dorothy Jean (BS The Principia '48); MS '52: Dept. of Geology, The Principia College, Elsah, Ill.

GRINNELL, Robert N., BS '51; MS '52: Magnolia Oil Co., PO Box 6, Bismarck, North Dakota.

GROSSMAN, Stuart, AB '52: Grad. student, UI: 1209 W. California, Urbana, Ill.

GROVES, Henry M., BS '52: USGS, Rolla, Missouri; (home) 1009 N. Rolla, Rolla, Missouri.

HALLSTEIN, William W., BS '49; MS '52: The Carter Oil Company, Tulsa, Oklahoma.

HANSON, William A., BS '51: US Corps of Engineers, 412 Abend St., Belleville, Ill.

HARDIE, Charles H., (BS Texas western '50); Grad. student 50-51: The California Co., Box 273, Grand Junction, Colorado.

HARRIS, Lloyd A., AB '39; (MS Vanderbilt '40): English & Harris Consultants, Mattoon, Ill.

HARRISON, John V., visiting professor, 51-52: Department of Geology, University Museum, Oxford, England.

HARVEY, Castle J. C., BS '32: Manager of Geophysical Dept., The Deep Rock Oil Co., Tulsa, Okla.

HATHAWAY, John C., (BS Colgate Univ. '50); MS '52: USGS, Div. of Geochemistry and Petrology, Washington 25, D.C.

HEINZ, David M., BS '52: Grad student: 300 S. Goodwin, Urbana, Ill.

HELMUTH, Darrell N., BS '50: Standard Oil of California, Exploration Dept., PO Box 1076, Salt Lake City, Utah.

HENTON, John M., BS '48; MS '49: The California Co., 219 E. Egan, Shreveport, Louisiana.

HEROLD, James D., BS '49: Geological Well Service Company, 230 White Bldg., Abilene, Texas.

HOLMQUIST, George V., BS '48: Dept. of Interior, Bureau of Reclamation 605 E. 10th Street, Loveland, Colorado.

HOOVER, W. Farrin, Ph.D. '39: The Chicago Corporation, Denver, Colorado.

HOWIN, Melvin L., BS '40; MS '41: Area Stratigrapher, Shell Oil Company, 526 8th Avenue W., Calgary, Alberta, Canada.

JOHANNES, Mrs. Erwin (Ann Hartshorn) BS '48: Shell Oil Company, Drew Station, Lake Charles, Louisiana.

JOHNS, W. D., (AB Wooster '47); MS '51; Ph.D. '52: American Petroleum Institute, Research Assistant, Dept. of Geology, University of Illinois, Urbana, Ill.

JONAS, Edward C., (BS Rice Inst. '44); MS '52: Illinois Geological Survey, Grad. student: R. R. 1, Mahomet, Illinois.

JUDGE, Mrs. W. E. (Caryl Jean Thompson), BS '44: 234 Park Place, Des Moines, Iowa.

KEHN, Fred, BS '48: 335 S. Monroe, Pittsfield, Ill.

KRUEGER, Robert H., BS '52: (home) 2324 W. 41st St., Chicago 9, Ill.

KUMMEL, Bernhard, Staff, '48-'52: Museum of Comparative Zoology, Harvard University, Cambridge, Mass.

LANE, Robert W., BS '49: 147 N. Minnesota, Casper, Wyoming.

LANGER, Milton, BS '51: Lt. - 02104301, 9600 Th. TSU, Hq SCTC, Camp Gordon, Georgia.

LIEB, William D., BS '52: 2737 San Diego St., El Paso, Texas.

LINDLEY, Keith, (BS Engr. '37): Sunray Oil Corp., Box 127, Lewisville, Ark.

LLOYD, Ronald M., BS '52: Grad. student: A-62 Stadium Terrace, Champaign, Ill.

McKENZIE, William L., BS '50: % M. L. Van Fossen Oil Pool, Penny Bldg, Olney, Ill.

MAJOR, Charles Fred, Jr., BS '52: Grad. student: 908 W. California, Urbana, Ill.

MASON, Arnold C., (BS Yale '28): Grad. student: 807 W. Nevada, Urbana, Ill.

MASON, James L., Jr., BS '52: (home) 905 S. 22nd St., Terre Haute, Indiana.

MAY, Mrs. P. R. (Patricia K. Pape) (Ex '41): % Major D. R. May, 0-390596, TUSAF GP, JT. AM. Military Mission for Aid to Turkey, APO 206A, % PM., New York City.

MOHIWAKI, Betty, BS '49: USGS, Washington 25, D. C.

MORTIMER, John D., (AB Dartmouth '48); BS '49: Atlantic Refining Co., 1710-C E. 22nd Place, Tulsa, Okla.

OLIVER, William A., Jr., BS '48; (PH.D Cornell '52): Department of Geology, Brown University, Providence 12, Rhode Island.

OSKILD, Paul P., BS '52: USGS, Naval Oil, Washington 25, D. C.

OSMINT, Frank C., (BS Birmingham-Southern '39); MS '41: The Stanolind Oil and Gas Co., Box 3092, Houston, Texas.

PATTERSON, Mrs. Jerry (Jacqueline), (BA Cornell Coll. '48); MS '51: 816 7th St., SW., Cedar Rapids, Ia.

PATTERSON, Sam H., Jr., (BS Coe Coll. '40; MS Iowa U. '47); Grad. student '48- : USGS, Washington 25, D. C. (Mineral Deposits Branch).

PATTON, Howard L., BS '47; MS '48; The California Co., Box 510, Pensacola, Fla.

PATZER, Roger J., BS '52: Southwestern Consultants, Inc., Party #5, PO Box 492, Scobey, Montana.

PEACE, Frank S., BS '49: Bereid Sales Division, Well Logging Service, Box 56, Vernal, Utah.

PERVINSEK, Robert J., BS '51: (home) 205 Quarry, Staunton, Illinois.
General Geophysical Company, Party #15, Box 1123, Lovington, N. M.

PIERCE, Jack W., BS '49; MS '50: The Pure Oil Company, Gillette, Wyoming.

POOR, Russell S., BS '23; MS '25; Ph.D. '27: National Science Foundation, 2101 Constitution Avenue, Washington 25, D. C.

PUTSCH, John, BS '38: Consulting geologist, 212 S. 15th St., Mattoon, Ill.

RALL, Raymond W., BS '50; MS '51: The Pure Oil Co., Midland, Texas.

RALL, Mrs. Raymond W., (Elizabeth Fretzer, BS Brown '43; MS Columbia '46); Grad. student '45-47; '49-50: 403 Holly Drive, Midland, Texas.

RAISTON, Roy E., (BS Cornell Coll) (ex 40-41): Executive Assistant to President, Ashland Oil and Refining Company, Ashland, Kentucky.

REID, Courtland T., BS '40: Park Naturalist, Mammoth Cave National Park, Mammoth Cave, Kentucky.

RIVES, William B., BS '40: 634 - 10th St., Moline, Ill.

ROBERTSON, Donald A., (BS Centenary '49); MS '51: Shell Oil Co., Denham Bldg., Denver, Colorado.

POLLEY, Mrs. John W. (Mary E. Barnes), (BS Kentucky '42); MS '48: 14355 Anola, Whittier, California.

SCHAFER, Elwood W., BS '50: Core Laboratories, Inc., 1020 Patterson Bldg., Denver, Colorado.

SCHUBERT, Raymond D., BS '50: Republic Exploration Company, 409 N. Garfield, Midland, Texas.

SCHULTZ, Leonard G., (BA Calif. Inst. Tech. '50); MS '52: Grad. student, 109 E. Green, Champaign, Ill.

SCOTT, Robert R., (BS Univ. Redlands '49); MS '51: The Texas Company, 519 Goodman Street, Bakersfield, California.

SESTAK, Andrew A., BS '50; MS '52: The California Company, Shreveport, La.

SEWELL, Mrs. James C. (Janet Hoover) BS '40: 1411 West First Avenue, Corsicana, Texas.

SHAVER, Alan E., BS '50: 1635 Brown, Galesburg, Ill.

SHAW, Conrad E., BS '52: RR 3, Mt. Vernon, Ill.

SHAW, John C., BS '49: Reid Road, Neosho, Missouri.

SHEPPS, Vincent C., (BS Franklin & Marshall '50); MS '52: Grad. student, 302 W. Ells St., Champaign, Ill.

SHORT, Mrs. L. M. (Bess Thayer) BS '24: 65 E. Clarence Avenue, S.E., Minneapolis, Minn.

SILVERMAN, Maxwell (BS Colo. School Mines '49); Grad student 49-51: Scripps Institute of Oceanography, La Jolla, California.

SKEELS, Thomas A., BS '32: RR 1, Box 907, Woodlake, California.

SNODGRASS, Donald B., (BS Wooster '50); MS '52: The California Company, Mattoon, Ill.

SNYDER, Robert D., BS '50; MS '52: Atlantic Refining Company, Box 193, R. 1, Midland, Texas.

SOHL, Norman F., BS '49; MS '51: Dept. of Geology, Bryn Mawr College, Bryn Mawr, Pennsylvania.

SPANSKI, Robert F., (ex 48-49) (BS Bradley Univ. '50): Division of Waterways, Springfield, Ill.

SPIRES, Harold W., (BS U. of Alabama '51); Grad. student, 51-52: Airman 3rd Class, 2nd Command Construction Squadron, McClellan Air Force Base, Sacramento, California.

STEENHAUSEN, John R., BS '49: 5031 West End Avenue, Chicago 44, Illinois.

STEINMAYER, R. A., (BS Eng. '16): Head, Dept. of Geology, Tulane University, New Orleans 18, La.

STEVENSON, Wilbur L., BS '52: Fort Bliss, El Paso, Texas.

STEWART, Herbert G., Jr., (BS Kent State U. '50); Grad student 50-51: Captain, Hq. Hq., Japan Air Defense Force, APO #710, % PM, San Francisco, Calif.

SUPRATT, Robert A., BS '50: (home) 1609 Dial Court, Springfield, Ill.

TANNACI, Mrs. Nicholas (Muriel C. Janicki), AB '42: 2142 S. Mountain Avenue, Duarte, California.

THOMAS, John E., BS '51: Carl Bays and Associates, 308 N. Orchard, Urbana, Ill.

THREET, Richard L., (BS Chem. '47); AB '47; AM '49: Dept. of Geology, Univ. of Nebraska, Lincoln, Nebr.

TOM, Gene F., BS '46; MS '50: 2741 N. Marengo, Altadena, California.

TOOKEY, Edwin W., (BS Bates '47; MS Lehigh '49); Ph.D. '52: National Science Foundation Post-Doctoral Fellow, Dept. of Geology, Univ. of Illinois, Urbana, Ill.

TOVEY, Henry A. BS '48: Neff Concrete Products Company, 528 N. Beard St., Danville, Ill.

VACTOR, Sam H., AB '48: 15810 Van Aken Blvd., Shaker Heights 20, Ohio.

VOHS, Richard H., (BS Augustana '50); MS '52: The Carter Co., Box 33, Coldwater, Mich.

WAGNER, Oscar E., Jr., AB '28; AM '29; Ph.D. '32: Chief Geologist, Wilcox Oil Co., 310 S. Sixth St., Tulsa, Okla.

WALCHER, Wayne E., (BS Wichita '39); MS '41: Consulting geologist, 302 Petroleum Bldg., Wichita, Kansas.

WALK, Hugh G., AB '41; MS '48: Dept. of Geology, Marietta College, Marietta, Ohio.

WALKINS, Byron K., BS '49: Sgt. - 55118750, Co. B-3rd Platoon, AOC Divn., Camp Forsyth, Ft. Riley, Kans.

WATSON, Robert, BS '49: 35 East 1st St., Hinsdale, Ill.

WEART, Richard (AB Cornell '43; MS Syracuse '48); Ph.D. '50: Sun Oil Co., 1226 N. 3rd St., Abilene, Tex.

WEEKS, Wilford F., BS '51: Univ. of Chicago. 5653 S. Dorchester, Chicago 37, Ill.

WEHRENBERG, John P., (BS Mo. Sch. Mines '50); MS '52: Grad student, 903 W. Illinois, Urbana, Ill.

WEINBERG, Edgar L., BS '47; MS '48: PO Box 67, Mineral, Virginia.

WELGE, Edwin A., BS '52: Continental Oil Co., Box 28, Durant, Miss.

WILLIAMS, Eugene G., (BS Lehigh); MS '52: Dept. of Geology, Kent State Univ., Kent, Ohio.

WILLIAMSON, Allen D., (BS Univ. of N. C. '49); Grad student 51-52: % Ted Glass, 1st Nat'l. Bank Bldg., Box 480, Mt. Vernon, Ill.

WILLS, Donald L., BS '49: Head, Dept. of Geology & Geography, Monmouth College, Monmouth, Ill.

WILSON, Gene D., (BS Marshall '50); Grad. student, 50-51: (home) North Kenova, Ohio.

WOOD, John W., BS '52: USGS, US Geological Survey Bldg., 9th & Elm Streets, Rolla, Missouri.

WRIGHT, Roland F., BS '52: Grad. student, 1307 W. Clark, Champaign, Ill.

YOUNG, Herbert T., BS '41: % General Delivery, Idaho Springs, Colorado.

ZEILER, Edward, AB '46 (Ph.D. Wisconsin '51): Atomic Energy Commission, Madison, Wisc.

ZIEBELL, Walter R., 2463 Pierce St., Hollywood, Fla.

ZINSER, Robert W., AB '48; (MS Kansas '50): Sun Oil Co., 1009 N. Big Spring St., Midland, Texas.

ZIRKLE, Robert G., BS '50; MS '52: The California Co., California Co. Bldg., New Orleans, La.

ACKNOWLEDGMENT

May I again say "thank you" for the cordial reception given to the departmental newsletter. It is indeed a pleasure to hear from you with such remarks as "it is the best newsletter I have ever seen", which can be accomplished only thru your continued efforts in sending in news of your work and family.

As some of you may have heard, I spent my vacation this past summer visiting our summer field camp in Colorado. It really should not be referred to as camp, as "camp" reminds one of tents, open fires, bedrolls, and such. The Fort Lewis A. & M. College campus, which serves as headquarters for the Illinois group, is quite adequate with dormitories, dining hall, recreation facilities and Library.

The latter part of July, Mary Droste, whose husband, John, was on the staff at the field station, and I were driven to Fort Lewis by Bob Droste, John's brother, and Don Scheller, a friend of Bob's. On the way out we stopped at Colorado Springs, Garden of the Gods, drove to the top of Pike's Peak (never again!), and visited the Royal Gorge (to the very bottom).

During our stay in Colorado we visited Mesa Verde National Park, Silverton, the Goosenecks area, attended the 15th annual Spanish Trails Fiesta, and visited Universal Motion Picture Company, which was on location in Hermosa Park filming "The Open Hand", with Joel McCrea and Barbara Hale. Return to the campus was made with the caravan. Such "lousy" weather as we have had in Champaign-Urbana this fall has made me wish I were back in "Colorado" again.

Thanks again to all of you who have contributed information for the newsletter.

Sincerely yours,

Rosa M. Nickell

ANNUAL NEWS LETTER

DEPARTMENT OF GEOLOGY

University of Illinois
Urbana

DECEMBER 1953

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To the Alumni of the Department of Geology:

Miss Rosa M. Nickell has again placed us all in her debt by the excellent Newsletter for 1953 which she has produced. We hope you will check the alphabetical listing of alumni for accuracy and send in any corrections which should be made. Addresses and positions change rapidly in a group as large as ours.

The number of undergraduate students in geology is rapidly increasing. This year we have 55 graduate students compared to 60 of last year. These 55 graduate students come from 36 different institutions and from 21 different states.

Our space problem is more critical than ever. We have taken over the third floor of the building at 404 S. Mathews for fellows and graduate teaching assistants and have the use of five rooms in 402 S. Mathews. This is distinctly second-rate space but at least is a place where men can work. Rapidly increasing undergraduate classes and labs have to be held in the same space we have had. Soon we shall have to limit enrollments in some geology courses.

There is a great demand for geologists at all levels of training and employment opportunities appear to be increasing. I would suggest to the alumni who have to do with hiring men that you give serious consideration to the hiring of students for summer work in order to become acquainted with prospective employees and to acquaint the employee with your company. Professor Scott, chairman of our departmental employment committee, would be glad to refer students to you.

Thank you for sending information about your recent activities and for stopping in to see us when you come thru Illinois. Our alumni support is very real and is a very important factor in the success of the department.

Sincerely yours,

Geo. W. White

George W. White

GEOLOGY STAFF, 1953-54

Senior Staff:

G. W. White, professor and head of the department, F. W. DeWolf (professor emeritus), C. A. Chapman, professor, R. E. Grim, research professor, F. C. Foley, research professor, A. F. Hagner, professor, J. L. Hough, professor, P. R. Shaffer, professor, H. W. Scott, professor, H. R. Wanless, professor, Rhodes W. Fairbridge, visiting associate professor, J. H. Fisher, assistant professor, D. M. Henderson, assistant professor, W. M. Merrill, assistant professor, Norman F. Sohl, Instructor, Willian D. Johns., American Petroleum Institute Research Assistant.

Fellows:

Henry S. Brown (AB '52 Berea), Alan D. Randall (BS '53 Connecticut), Robert L. Rioux (AB '53 New Hampshire), University of Illinois; John S. Porter (BS '53 Kansas), California Company; Bruce W. Nelson (BS '51 Harvard, MS '54 Penn State) and Leonard G. Schultz (BS '50 Cal. Tech., MS '52 Illinois), Illinois Clay Products Company; Barbara Schenck (BS '51 Bates College, MS '53 Smith College), National Lead Company; Richard H. Benson (BS '51 Marshall, MS '53 Illinois) Shell Oil Company; Lorence G. Collins (BS '53 Illinois) and John P. Wehrenberg (BS '50 Mo. Sch. Mines, MS '52 Illinois), National Science Foundation.

Junior Staff:

Jack Baker (AB '50 Princeton)
Averill Brockelman (AB '53 Smith)
George D. Brown (BS '53 St. Joseph's)
John B. Droste (BS '51, MS '53 Illinois)
Richard H. Howard (AB '52 Colgate)
Murray Levish (AB '52 New York Univ.)
James R. McNitt (BS '53 Notre Dame)
Richard N. Mercurio (BS '52 Bates)
Robert E. Myers (BS '53 DePauw)
Hildreth A. Newell (AB '52 Wooster)
Terry W. Offield (BS '53 Virginia Polytechnic)
Meredith E. Ostrom, (BS '52 Augustana)
Ben A. Patterson (BS '53 Monmouth)
Scott H. Phillips (BS '53 Kansas)
Elliott A. Riggs (BS '51; MS '53 Wisconsin)
Vincent C. Shepps (BS '50 Franklin & Marshall; MS '52 Illinois)
Robert F. Sitler (BS '53 Pittsburgh)
Charles E. Tranter (AB '52 Augustana)
Richard M. Winiarski (BS '53 Illinois)
Roland F. Wright (BS '52 Illinois)
Eugene A. Ziemba (BS '53 St Joseph's)

Office:

Rosa M. Nickell, Secretary, Mrs. Olene Broaddus and Rozella Hammel, Clerk-Typists.

NEW APPOINTMENTS

Dr. Rhodes W. Fairbridge, lecturer in geology, University of Western Australia, Nedlands, Australia, was appointed visiting associate professor of geology at the University of Illinois for the academic year 1953-54. He is teaching courses in structural geology and petroleum geology.

Professor Fairbridge was born in Pinjarra, Western Australia. He studied in England for five years before entering Queen's University, Kingston, Canada where he received the B.A. degree in 1936. He received the B.Sc. in 1938 from Oxford University, and the D. Sc. in 1942 from the University of Western Australia. He served with the Royal Australian Air Force from 1942 to 1946.

Professor Fairbridge is one of the world's authorities on geology of coral reefs. His 40 publications include important papers, bulletins and books on stratigraphy, tectonics and geology of coral reefs.

On invitation of the Scripps Institution of Oceanography, Professor Fairbridge spent a month or more with their "Capricorn Expedition" of 1952-53. Max Silverman (grad. stu. '49-'51) was a member of the party from Scripps.

Before coming to Urbana, Doctor Fairbridge, his wife and son, spent the summer on the Continent, visiting Italy, France, Switzerland, and England. They are now at home in one of the University apartments at 300 South Goodwin, Urbana.

Norman F. Sohl, BS '49, MS '51, was appointed instructor in the department, September 1, 1953. He served as instructor at Bryn Mawr during the school year 1952-53 where he taught courses in historical geology and paleontology. He has passed the prelims for his Ph.D. degree and has his thesis almost completed; he is teaching courses in historical geology and paleontology. He and Dottie are living in Stadium Terrace.

NEWS OF PRESENT STAFF MEMBERS

CARLETON A. CHAPMAN spent the summer in Urbana continuing his structural and petrologic studies of Mt. Desert Island in the laboratory, and preparing his paper "Cauldron Subsidence at Mt. Desert Island, Maine" for presentation at the GSA meetings on November 11.

Carleton, Thelma and Johnny spent about a month visiting in the West late in the summer.

JAMES H. FISHER taught at our summer field camp in Colorado, learning the ins and outs of conducting a field camp as he will be Director of the camp next summer. Jim received his Ph.D. in February 1953. He was promoted to assistant professor as of September 1953.

FRANK C. FOLEY continued his work with the Illinois Geological Survey in charge of ground-water activities and in research and service projects during the summer. He is supervising thesis work of graduate students in ground-water problems. He, Mrs. Foley and Barbara enjoyed a vacation in Minnesota during the summer.

RALPH E. GRIM and Mrs. Grim spent several weeks in South America last summer. Doctor Grim was invited by the governments of Brazil and Argentina to deliver a series of lectures on the mineralogy and technology of clays in each of the above countries. In Brazil he gave eight lectures at the Institute of Technological Research at San Paulo and two lectures at the University of Rio de Janeiro. In Argentina he gave two lectures in Buenos Aires and the City of Eva Peron under the auspices of the ministry of public works. He also gave advice on the establishment of clay research programs being started in Brazil and Argentina.

The Grims spent some time in Peru, Bolivia and Paraguay before returning to the States. The students, staff and townspeople are enjoying the beautiful Kodachrome slides taken on the trip.

After returning from South America, Professor Grim spent about a month in the West on study of bentonites.

The Grims have a new house finished last January. It is located at 704 W. Florida Avenue.

Professor Grim's book on "Clay Mineralogy" came off the press in June 1953 and the first printing is now exhausted.

ARTHUR F. HAGNER spent the summer in Illinois working on manuscripts and maps dealing with the titaniferous iron deposits, the anorthosite complex, and some metasomatic gneisses and schists of the Laramie Range, Wyoming. He was promoted to professor as of September 1953.

DONALD M. HENDERSON, thru patience and hard work, has recovered sufficiently from his attack of polio last fall to return to his teaching duties this semester. The number of students in beginning mineralogy has increased from 11 last year to 39 this year.

JACK L. HOUGH spent the summer on field work in northern Michigan and Ontario, and writing on the geologic history of the Great Lakes.

Professor Hough continues as editor of the "Journal of Sedimentaty Petrology," which continues to increase in size.

Professor Hough was moderator of the geology section of the Conference on the Upper Great Lakes, held under the auspices of the Great Lakes Research Institute at Douglas Lake, Michigan, July 29-31, 1953. Representatives from various organizations in Minnesota, Wisconsin, Illinois, Michigan, Ohio, New York and Ontario were present, and the fields of geology, limnology, hydrology, meterology and fisheries biology were represented.

Professor Hough gave a paper on "Geologic History of Great Lakes Beaches" at the Fourth Conference on Coastal Engineering, held in Chicago on October 29-31, 1953.

Professor Hough is taking leave from the department in January 1954 for a 2-year visit to India. Under a contract between the U. S. Government and the University of Illinois he will direct the work of the geology department of the Indian Institute of Technology at Karaghpur (near Calcutta). See separate item.

WILLIAM D. JOHNS who received his Ph.D. in geology in 1952 in clay mineralogy is research assistant working with Doctor Grim on the API project on clays. The project is an investigation of the recent sediments accumulating in the Gulf of Mexico with the thought that such studies will reveal data of importance in the search for petroleum.

A recent publication "High-Temperature Phase Changes in Kaolinites" appeared in the Mineralogical Magazine, London, September 1953.

WILLIAM M. MERRILL spent his fourth summer in Colorado at our summer field camp and was director of the camp for the second consecutive year.

The Merrills moved into a new house in October at 4 Penn Court, Urbana.

HAROLD W. SCOTT spent the summer in Urbana working on his section of the International Treatise on Invertebrate Paleontology. This fall he was elected Chairman of the College Policy Committee of the LAS College.

PAUL R. SHAFFER, on leave of absence the first semester, spent the summer and fall in northern Illinois working on Pleistocene stratigraphy problems. Doctor Shaffer was promoted to professor as of September 1, 1953.

HAROLD R. WANLESS spent the summer in Urbana. He made numerous visits to survey and oil company offices collecting data on Pennsylvanian subsurface stratigraphy.

GEORGE W. WHITE continued his study of glacial geology of the Allegheny Plateau in northeastern Ohio and northwestern Pennsylvania. He will be on leave of absence during the II Semester of this year. He received a substantial allotment from the National Science Foundation to carry on work on constitution of glacial till and is being assisted on the project by V. C. Shepps. It is expected that a petrographer and one or two others will be added to the project.

Professor White is a member of the Executive Committee of the LAS College, and is chairman of the LAS building committee.

JACK HOUGH GOES TO INDIA

Dr. Jack L. Hough will leave in January of India where he will organize the department of geology of the Indian Institute of Technology at Karaghpur near Calcutta, and help develop an extensive program in geological sciences. He will be accompanied by Mrs. Hough and Tony, 11 and Barbara, 7, for the two-year assignment.

It is the intention of the Indian government to make the Indian Institute of Technology "the MIT of India." Doctor Hough is the first of 8 University of Illinois senior staff members to be sent to India to organize departments of the Institute under a special three-way arrangement between India, the U. S. State Department (Technical Cooperation Administration), and the University of Illinois.

When Doctor Hough and others of the first eight pioneers return from India two years hence, they will be replaced by other U. of I. faculty members. At the end of the second two-year period, it is hoped that the Institute will be able to carry on under its own power.

At present, the Institute has a freshman class, but no organized staff. It has about 2,800 young men applying for entrance each year, and about 300 of the top applicants are selected.

Under terms of the agreement with the State Department, all the costs of the University's portion of the program will be underwritten by the federal government.

LECTURES

MORGAN J. DAVIS, president of the American Association of Petroleum Geologists and vice president of Humble Oil Company spoke on Thursday, December 18, 1952 on "Progress in Oil Finding." His talk was sponsored jointly by the department and the Illinois Geological Survey.

DR. RICHARD P. GOLDTHWAIT, Professor of Geology, Ohio State University, discussed "Glacial Events on Baffinland in the Arctic" on January 9. Professor Goldthwait, internationally-known for his research on glaciers and glaciation, was a member of an expedition to Baffinland during the field season of 1951. In addition to his studies of the ice and periglacial features on Baffinland, he has done similar research in Alaska and the Alps Mountains. During his work in Alaska, he devised a method for taking seismic soundings to determine the thickness and nature of glacier ice. He has also conducted extensive studies of glacial features on Cape Cod, Massachusets, and in New Hampshire and Ohio.

DR. M. KING HUBBERT, chief consultant, Exploration and Production Technical Division of Shell Oil Company spoke on "Entrapment of Petroleum Under Hydrodynamic Conditions" on April 14, under the auspices of the State Geological Survey and the Department of Geology.

PROF. BRIAN MASON of Indiana University spoke on "The Structure and Composition of the Earth" on May 21. Professor Mason is well known for his research in the fields of mineralogy and geochemistry.

MEETINGS ATTENDED

American Association of Petroleum Geologists:

On March 23-26, 1953 the annual meeting was held in Houston, Texas. Professors Hough and Scott, of our senior staff, attended the meetings.

The alumni luncheon of the department was under the leadership of Dr. Karl J. Koenig, Ph.D '49, now with Shell Oil Company in Houston. Alumni in attendance were:

W. H. Allen	F. W. DeWolf	Howard Patton
Charles Barton	Ed Eveland	Scott Phillips
Dave Brierley	Don Franklin	Bob Rogers
Tom Buschback	Castle Harvey	Lorena Ross
John Clay	Charles Hoke	Maurice Smith
R. J. Cordell	Harry Kilian	Harry Spoor
Howard Cramer	Karl Koenig	Don Sprouse
Clarence Crow	Jean Moore	Henry N. Toler
J. A. Culbertson	Wayne Moore	C. W. Tomlinson
W. M. Decker	Faris K. Moyer	Dick Weart
Max Druid	Carl F. Pampe	H. L. Geis
		DeWitt VanSiclen

The next meeting of the Association will be held in St. Louis in 1954.

As editor of the Journal of Sedimentary Petrology and ex-officio member of the Council, Doctor Hough attended council meetings of the SEPM and gave editor's report at the annual business meeting. This report was favorably received. The Council authorized the publication of the SEPM Special Publication No. 3 Finding Ancient Shorelines and appointed Doctor Hough as editor of the symposium.

American Association for the Advancement of Science:

At the annual meeting in St. Louis last December, staff members present were: Frank C. Foley, Maxwell Gage, Jack L. Hough, Paul R. Shaffer, Harold R. Wanless and George W. White. Most of them presented papers and Doctor White gave his address as retiring vice-president of the Association and chairman of the Geology Section. The next meeting of the Association will be in Boston, December 28-30, 1953.

Geological Society of America:

The annual meeting of the association was held November 9-11, 1953 in Toronto, Canada. Doctor Chapman presented a paper on "Cauldron Subsidence at Mt. Desert Island, Maine." Alumni giving papers on the program were:

NELSON R. GADD, (g. 50-53): "Interglacial Deposits at St. Pierre, Quebec, Canada"

ROBERT V. KESLING, Ph.D. '49: "Ornamentation as a Special Character of Ostracods"

HAYDN H. MURRAY, Ph.D. '51: "Transgressions and Regressions of Early Allegheny (Pennsylvanian) Seas in Indiana"

ROBERT S. ROTH, Ph.D. '51: "Structure of Montmoril-

lonite in Relation to the Physical Properties of Bentonites"

WILFORD F. WEEKS, MS '53: "Equilibria Relations During Thermal Metamorphism of Carbonate Rocks"

EDWARD J. ZELLER, AB '46 (Ph.D. Wisc.): "Thermoluminescence of Artificially Precipitated Calcite"

EUGENE FRUND, MS '53 and DONALD B. SAXBY, MS '47, were co-authors with David H. Swann, "Osage Deltaic Deposits in Southwestern Illinois"

ARNOLD C. MASON, (grad. student) and Gilbert Corwin: "Geology of the Palau Islands"

JACK E. HARRISON, Ph.D. '51: "Relation Between Fracture Pattern and Hypogene Zoning in the Freeland-Lemartine District, Clear Creek County, Colorado"

FRANCIS P. SHEPARD: (former staff member): "Methods of Recognizing Shallow-Water Marine Environments"

WILLIAM A. OLIVER, JR., BS '48 (Ph.D. Cornell), "Biostromes and Bioherms of the Onondage Limestone in New York."

Other meetings attended by the staff:

The Tri-State Geological Field Conference was held this year at Wausau, Wisconsin, Oct. 17-18, 1953. Several staff members and students attended.

Friends of the Pleistocene Conference was held in Wisconsin in May, 1953. Maxwell Gage, Jack L. Hough and George W. White were in attendance from the department.

Illinois Academy of Science met in Macomb in May, 1953. Doctor Scott served as Chairman of the Geology Section. Papers were presented by Professors Chapman, White, Hough, and Fisher. Doctor Shaffer served as Secretary of the Academy last year.

Pleistocene field conference of Illinois and Indiana was held in June, 1953. Maxwell Gage, Jack Hough and George W. White attended the conference.

Paul Shaffer, William Merrill and James Fisher attended a conference on Earth Science Teaching held in DeKalb in March.

PEGASUS DIVISION, SOCONY-VACUUM SCHOLARSHIP

The Socony-Vacuum Oil Company, Inc., Pegasus Division, has awarded a senior scholarship in geology to the University of Illinois for the academic year 1953-54. The scholarship has a stipend of $750 for the academic year. This scholarship was awarded to Joseph Mueller for the first semester. Since Mr. Mueller will graduate in February it will be awarded to another outstanding senior geology student for the second semester.

GRADUATE STUDENTS IN GEOLOGY

1 Semester, 1953-54

Fifty-five graduate students from 21 states, who have degrees from 36 different institutions:

Bachelor degrees from:

2 Augustana	1 Centenary	1 DePauw
3 Arkansas	1 Chicago	1 Emory
2 Bates	1 Colby	2 Franklin & Marshall
1 Berea	1 Colgate	1 Harvard
1 Cal. Tech.	1 Connecticut	10 Illinois

Bachelor Degrees (Continued)

2 Kansas	1 Redlands
2 Marshall	1 Rice
1 Missouri	2 Saint Joseph
1 Mo. Sch. Mines	1 Smith
1 Monmouth	1 Syracuse
2 New Hampshire	1 V.P.I.
1 New York Univ.	1 Wayne
1 Notre Dame	2 Wisconsin
2 Pittsburgh	1 Wooster
1 Princeton	1 Yale

Master degrees from:

2 Arkansas	1 Missouri
1 Chicago	1 Penn State
1 Emory	1 Smith
8 Illinois	1 Syracuse
1 Kansas	1 Wisconsin

States represented

Arkansas	Massachusetts
California	Michigan
Connecticut	Missouri
Georgia	New Hampshire
Illinois	New Jersey
Indiana	New York
Kansas	Ohio
Kentucky	Pennsylvania
Louisiana	Virginia
Maine	Wisconsin
	West Virginia

Twenty-six students took and successfully passed the oral examination for the master's degree in the academic school year of 1952-53.

Twenty-three MS degrees were awarded last year.

Five Ph.D. degrees were awarded in 1953. It is anticipated that 6 or 7 Ph.D.'s will be awarded in 1954.

FIELD CAMP

A total of 36 students, including 28 from the University of Illinois, took part in the fourth annual geology field camp in Colorado last summer.

The route out took them thru the Ozarks, across southern Kansas and southeastern Colorado, down to Trinidad and Walsenburg, then by the Spanish Peaks across the San Luis valley and Wolf Creek pass, and finally over the San Juan mountains into Durango.

Two graduate assistants, Richard Winiarski and Charles Tranter, acted as half-time teaching assistants and devoted half time to field research for thesis problems.

Doctor William M. Merrill, assistant professor of geology, again acted as director of the camp. Other staff members were: Doctor James H. Fisher and Doctor Robert H. Shaver, head of the geology department at the University of Mississippi who received his BS, MS and Ph.D. degrees from Illinois.

The field camp session was highly successful.

"GEOLOGY VERSUS FOOTBALL"

Three geology majors contributed greatly to the victories of the Illinois football team this fall.

Bob Bishop, UI senior, played guard. His wife, Rita, kept busy as a junior in home economics, and as chairman of the Red Cross College Unit of Illini Union Student activities she did all the planning for entertaining hospitalized airmen of Chanute Air Base during the games. It was her job at all home football games to see that there were at least 10 to 14 Illinois coeds to serve as hostesses for the airmen.

Jack Chamblin and Rudy Siegert are other geology majors on the team. Jack, UI junior, played center, linebacker, and guard, and Rudy, UI sophomore, played tackle.

MARRIAGES

Budd Adams, BS '53, and Carolyn Lucille Gerdes, July 5, 1953.
Richard R. Conlin and Virginia Joanne Snyder, January 31, 1953.
Charles Dellenback, BS '52; MS '53, and Gloria Czerniak, Nov. 28, 1953.
Robert E. Fox, MS '53, and Mary Ann Strouse, MS '53, June 20, 1953.
Lawrence J. Hammerbacker, BS '50, and Mary Basse, April 14, 1952.
Richard L. Howard and Norma Kemen, Jan. 31, 1953.
Elizabeth Ann Livesay and Myron Daniel Sutton, Sept. 19, 1953.
Meredith Ostrom and Ann Carolyn Postels, Aug. 1, 1953.
Robert F. Sitler and Ruth E. Lowe. September 5, 1953.
Charles E. Tranter and Sharon Driscoll, June 20, 1953.
Richard M. Winiarski, BS '53 and Lois Jensen, February 7, 1953.

BIRTHS

CLIFFORD H., son of Mr. and Mrs. Ronald E. Black, 11-7-52
JAMES MARK, son of Dick and Phyllis Boardman, 2-13-53
, daughter of Mr. and Mrs. Robert Bomke, 12-8-52
BARBARA ELAINE, daughter of Mr. and Mrs. George Fries, 11-8-52
ANDREW JAMES, son of Nelson and Joy Gadd, 8-17-53
DAVID CUMMINS, son of John and Ilene Hathaway, 8-18-53
STEPHEN MICHAEL, son of David and Sue Heinz, 8-23-53
PETER FOSTER, son of Dr. and Mrs. Donald Henderson, 12-18-52
MARGARET WOODWARD, daughter of Donald and Lois Herring, 11-15-52
JACK SCOTT, son of Richard and Bonnie Hollandbeck, 6-1-53
RUTH ANNA, daughter of Ed and Martha Jonas, 11-5-53
KATHERINE GALE, daughter of Mike and Virginia Lloyd, 10-3-53
BRYAN THOMAS, son of Wally and Marilou Lynch, 11-26-52
, daughter of Jim and Louisa McDivitt, 5-28-53
DOUGLAS GEORGE, son of Dr. and Mrs. William Merrill, 5-17-53
LARRY STEVEN, son of Robert and Jean Moore, 10-8-53
MARY KATHLEEN, daughter of Howard and Margaret Patton, 5-10-53
PAMELA, daughter of Jack and Beverly Pierce, 8-7-53
RICHARD W., son of Woody and Mary Schafer, 12-27-52
ROBERT KIRK, son of Dick and Dorothy Threet, 2-20-53
GARY ARTHUR, son of Jacob and Florence Vandenberg, 3-29-53

NEWS OF ALUMNI AND FORMER STAFF MEMBERS

Allen Agnew, MS '42, attended the AIME meetings in California last February. He gave a paper on the application of geology to the discovery of zinc-lead ore in the Wisconsin-Illinois-Iowa district. He visited a couple of the mining districts where the USGS has parties at work - the Darwin, Calif., area, and Bingham Canyon, Utah area. Allen sent us news of a former Illini who was a student in Doctor Sutton's class in paleontology in 1939 - Luis M. Santos-Ynigo who has been with the Philippine Bureau of Mines, Manila, and who will return to Manila after another year at Stanford.

William H. Allen, MS '37, who has been with Shell Oil Company of Canada in Calgary is now district geologist with the Shell Oil Company and located in Pensacola, Florida.

Oliver W. Beimfohr, BS '40, has received a Ph.D. degree from Ohio State University on December 19, 1952. His thesis was "The Industrial Potential of Southern Illinois." Doctor Beimfohr spent 3 years in field research and library investigations covering 32 counties of the area. His study included maps showing the distribution of population, minerals, forests and water supply.

Doctor Beimfohr is a member of the Southern Illinois university geography and geology department at Carbondale. He received his master's degree from Vanderbilt university, '41. He has taught for 20 years - in elementary schools and in colleges and universities - such as West Texas State college, Canton; Ohio State University, Columbus; the University of Illinois, and now at SIU.

A. Lyndon Bell, BS '36, Manager, Exploration Operations, International Petroleum Company of Lima, Peru visited us on September 14. Rusty was on a 2-month vacation which the company allows every two years. The Bell's two sons, Lyndon 15, and Carl 13, are enrolled in Western Military Academy at Alton, Illinois. Mr. and Mrs. Bell returned to South America the latter part of October.

William H. Bierschenk, MS '53 with USGS writes that he finds living and working in New England very pleasant. His work has taken him around most of Rhode Island where ground-water problems are not too serious but of considerable interest to both the federal and state governments. Bill is presently working on Geological Bull. 7 "Ground-Water Resources of the Bristol Quadrangle," as well as working on the Providence quadrangle report, and doing field work in the Hope Valley and Voluntown quadrangles. Bill says that his experience in report writing in Doctor Wanless' 415 field course has been of great help to him in his present work.

Ronald E. Black, BS '50, is 1st Lieutenant with the Air Force as navigator, radar operator, and bombadier. He has been stationed in Texas, Japan, California and then Korea. He has been back in the states for a year and a half at Lockbourne Air Force Base, Columbus, Ohio. He and Mrs. Black have a boy, Clifford, born November 7, 1952.

Alan D. Buck, BS '50, with Waterways Experiment Station, Jackson, Mississippi was home for the holidays, December 1952. He stopped at the office to report change of address.

Donald H. Chapman, professor of geology at the University of New Hampshire, who has taught several summers on our campus and at our field camp in Colorado, was the winner of the August 1953 photo contest in SCAN, a monthly bulletin

of the American-Scandinavian Foundation. He was the first to identify the picture as a view from Videseter, westward down the valley toward Hjelle and Stryn in the region of Nordfjord in Norway. Doctor Chapman asked that the award of a year's membership in ASF be sent to our Prof. George W. White.

John O. Clay, MS '48 after working for the California Company for several years, is now consulting geologist and living in Monroe, Louisiana. He and Mrs. Clay have 3 boys.

John Clark, BS '31, visited the department on October 30, 1953. After many years of work as political agent, Geological Expedition in Pakistan, he returned to the States in January 1952. Since then he has been engaged in teaching stratigraphy at the University of Chicago on a temporary basis. He is now working on a vertebrate research project for Princeton University and Carnegie Museum. Doctor Clark was a student in the department when Doctor Bayley was head of the department and he took paleontology under Doctor Savage. Recently he has spent 2 months in South Dakota doing field work in the Lower Oligocene. While doing this field work he had a Sioux Indian as his field assistant and had to teach him camp craft as he was a "city" Indian.

Howard R. Cramer, MS '50, is now teaching paleontology, general geology and structural geology at Franklin and Marshall College. He hopes to finish his dissertation for the Ph.D. from Northwestern by Christmas.

Announce was received by Prof. and Mrs. Wanless of the marriage in June 1953 of Connie Crickmay to Edward Ashley. Connie is the daughter of Colin H. Crickmay who was on our staff in 1931-33, and is now with Imperial Oil Company of Canada in Calgary. The newly weds are at home in Hamilton, Ontario.

Willis M. "Bill" Decker, BS '39 is now District Development Geologist for all of Oklahoma. Bill had been with Cities Service Oil Company since July 1939 except for 3½ years when he served as naval pilot during the war. During the past year Bill was Treasurer of the Oklahoma City Geological Society. They have about 500 members. He put out the 1953 directory for the Society, a copy of which he sent us. The April 1953 issue of SHALE SHAKER, publication of the Society, carried a picture roster of members which included Bill, and B. A. Curvin, BS '39. Bill attended the Alumni luncheon in Houston in March at the time of the AAPG meetings.

The Deckers have a new home about 2 years old at 4221 N.W. 21st, Oklahoma City.

Martin J. Deuth, MS '38 with Shell Oil Company is now in Casper, Wyoming, after spending a year or so with the parent company in The Hague, Netherlands.

Robert S. Dietz, BS '37, MS '39, Ph.D. '41, with U. S. Navy Electronics, San Diego, California, is finishing a year as Fulbright Research Scholar in Oceanography at Tokyo University. He plans to attend the Pacific Science Congress in Manila, after which he will return to the States.

Lieutenant Bob Doehler, MS '53, visited the department and friends on the campus the week-end of October 17 and attended the Minnesota-Illinois football game. Bob was on his way to Camp Carson, Colorado, after having received his basic training in Virginia.

John Wood Fanning, BS '53 left shortly after graduation to begin a 2-year period of service as a missionary for his church, The Church of Jesus Christ of Latter-Day Saints.

Lt. Robert W. Fisher, BS '53, wrote us in September from Fort Belvoir, Virginia. He was in the Engineer School, doing work in aerial photo interpretation, engineer and topographic drafting and surveying, map reproduction, photomapping, quarry operations, soils, etc. He hopes to finish his training around October 31, and be assigned to the Military Geology Branch.

The following was taken from the New Gazette of June 18, 1953: "Major Julius W. Fiebig, BS '48, is presented the Commendation Ribbon for meritorious service by Lieutenant General Glenn O. Barcus, former commanding general of the Fifty Air Force and now assistant commander of the Air Force training command at Scott air base. Major Fiebig, scheduled soon to return to the United States for reassignment under the Air Force rotation policy, has planned recurrent nightly attacks by light bombers on Communist bases in and near his station in Korea."

Bob and Ann (Strouse) Fox (both MS '53) are now living in Natchez, Mississippi, where Bob is working for the California Company. Ann reports that they like it there, the people, the job, and the town.

Mrs. Jerry P. Freeman (Mary E. Mifflin BS '53) visited the department on October 16 and gave us her new address. She and Jerry are living in Huntsville, Alabama. Mary says she is enjoying married life - hasn't worked a day since she got married!

Maxwell Gage, visiting professor from New Zealand last year, spent the summer in the eastern and western United States studying in the field the classic Pleistocene localities. He sailed on August 26 for England and Scandinavia where he will continue his field studies before returning to Canterbury University College in January 1954 when their academic term begins.

Wm. J. Gard, BS '50 visited the department in September. He is now with Phillips Petroleum Company in geological engineering analysis, and located in Bartlesville, Oklahoma.

Robert N. Grinnell, MS '52, formerly with the Magnolia Petroleum Company was transferred to the Pegasus Division of Socony-Vacuum as of the first of the year. He is located in Bismarck, North Dakota. He sent news of having seen Bill Gard, BS '50, at the Rocky Mountain District convention of the AAPG in Casper, Wyoming in April.

A visitor to the department in December 1952 was Lawrence J. Hammerbacker, BS '50. He reported that he was married to Mary Basse on April 14, 1952. He is now teaching mathematics at Eureka Springs High School, Eureka Springs, Arkansas. He own and operates an ice cream parlor across from the high school.

Word has been received that Charles H. Hardie (grad. '50-52) was married during the summer and is now with Standard Oil Company of California and stationed at Salt Lake City, Utah.

John A. Harrison, MS '48, of the Illinois Survey staff was recently promoted from assistant geologist to associate geologist in the coal division.

Dr. John V. Harrison, University Museum, Oxford, England who was visiting professor on our staff in 1951-52, spent the summer in Peru mapping an area of about 1000 square miles at an altitude of over 13,000. While in Peru he visited with the Lacys. Doctor Harrison returned to his teaching duties in England in October.

Darrell N. Helmuth, BS '50, is with Standard Oil of California. He spent a year surface mapping in the Great Basin (Nevada, Utah and Idaho) and a short stay in western Washington before being transferred to Coalinga, California. He says, "incidentally, I might suggest, from my own experience, that a summer mapping course be required for a BS. I neglected to 'get it in' in my school days and found myself a little behind the boys in the Great Basin."

During 1952 a picture in the News Gazette showed Leslie A. Holmes, Ph.D. '42, now president of Northern Illinois State Teachers college, lending a helping hand with a group of students in DeKalb as they moved some 83,000 books-armful by armful. The school completed a new library, but didn't have the money to pay for moving the books from the old library into the new structure. So--the students volunteered for the job and moved approximately 85 tons of books.

M. E. Hopkins, graduate student since 1952, has been appointed as full-time research assistant in the coal division of the Ill. Geological Survey.

George D. Hockman, BS '53, after graduating in June worked with his father until August 13 when he was inducted into the Army. He completed 8 weeks of infantry basic and 8 weeks of engineering basic at Fort Leonard Wood, Missouri. He was classified as a specialist in geology.

Prof. George D. Hubbard, BS '96, MS '98, Oberlin, Ohio, visited the department in September. Shortly after receiving his master's degree, Prof. Hubbard left for Cornell where he obtained the Ph.D. degree in 1905. Professor Hubbard held a fellowship for one year and an assistantship for 3 years while he was a student here. Professor Charles W. Rolfe was head of the department at that time.

Professor Hubbard has been associated with Oberlin College, Ohio, since 1910, becoming professor emeritus in 1936.

Professor Hubbard visited the campus in 1951 when he returned for the 55th anniversary of his class. He has long been a friend of Doctor White's.

Professor Hubbard was connected with the Ohio Geological Survey from 1906 to 1926, and at present he is actively at work on the revision of a bulletin on Ohio physiography which he wrote some thirty years ago.

The Hubbards had 3 children, one now deceased. The oldest daughter who has her Ph.D. degree in psychology is now with the VA Hospital in Waco, Texas, and a son who is an MD, received his training at Johns Hopkins, and has been in Iceland for the last year. He has often been referred to as an aviation surgeon.

Virgil Kennedy, BS '47, MS '48, his wife, Shirley, and son Bruce, visited us in September. Virgil had just returned to the States from Korea. They were on vacation and Virgil planned to report back to his job with Shell Oil Company in Midland after vacation was over.

Willard "Bill" C. Lacy, MS '40, visited us in January. Bill is chief geologist of the Cerro de Pasco Corporation in Peru. He planned to spend about 3 months as visiting lecturer at Harvard before going back to South America. The Lacys have 5 children, John 10, Carol 8, Marian 6, Barbara 3, and Linda 1.

Milton F. Langer, BS '51 sent greetings at Christmas time, 1952, from Camp Gordon, Georgia. He visited the department in February as he was on leave before reporting to Camp Kilmer in New Jersey for shipment to Europe. Milton later wrote from Europe saying that he is now located in Europe with the U. S. Army, Signal Corps. He left Urbana in February, 1953 and was soon in Europe. After 20 days aboard ship he docked at Bremerhaven, Germany on Easter Sunday. Six days later he arrived in Verdun, France - the area known as a battleground of the First World War. He wrote that the community of Verdun was small and lacked the finer things of life such as bathtubs, hot water, heat, and cleanliness. Prices were high in comparison to the service and benefits received. The country of Luxembourg is about 70 miles to the north where they went for entertainment and mental rest. In cases of extended leaves, the could visit Germany, Holland, Italy, and Spain.

Milton plans to return to the University of Illinois in the fall of 1954 in order to complete work for the master's degree.

John L. Lester, BS '37, MS '39, visited with the Wanlesses in December 1952. John is consulting geologist in Centralia, Illinois. John gave us news of Perry McClure, Martin Deuth, and Bill Allen. The Lesters have two children, David 7, and Joan, 5.

Elizabeth Ann Livesay, BS '44, MS '45 was married to Myron Daniel Sutton in September. Mr. Sutton is a ranger naturalist and he and Mrs. Sutton are located at one of the state parks in Arizona. Their correct address would be appreciated.

Perry McClure, BS '29, who spent some time in The Hague, Netherlands with the parent oil company of Shell is now in Midland, Texas.

F. Stuart Miller, staff 36-37, is back in New York City after spending some years in Malaya. He is vice-president of Pacific Tin Consolidated Corporation. He sent us a couple of reprints which indicate his recent activities "What it Means to Mine Tin Under Malayan Communist Attack" and "Prospecting Needs is Urgent in Malaya."

Daniel F. Nichols, BS '47, visits the department whenever he is in town. He is now with the Eureka-Williams Corporation located in Bloomington. They have an 8 year old girl and a 2 year old boy.

Thomas J. Nolan, BS '48 is with the Ohio Oil Company in Terre Haute, Indiana. Don Baird is working for the same company and working with Tom. The Nolans have 5 children ranging in age from 6½ to 1 year. Their address is 1418 S. Eighth Street, Terre Haute, Indiana, and alumni are welcome to visit them any time they are in Terre Haute.

William A. Oliver, BS '48 (Ph.D. Cornell '52) visited us on September 11. He is with the Department of Geology at Brown University.

Howard Patton, BS '46, MS '48, Margaret, and Pat's sister, Stella, visited us on October 2 on their way to Iowa to visit Margaret's mother. Pat is with the California Company in Pensacola, Florida.

Russell S. Poor, BS '23; MS '25; Ph.D. '27, who has been chairman of the University Relations Division of the Oak Ridge Institute of Nuclear Studies, has become provost of the new University of Florida Health Center.

Doctor Poor directs the organizational work for establishment of the new center which now is in the early stages of construction. When completed it will eventually include the already-existing College of Pharmacy, and a College of Medicine, College of Nursing, University Teaching Hospital, and College of Dentistry to be added later.

For the first year, Doctor Poor will also be chairman of the university's division of physical sciences in the College of Arts and Sciences.

For several months during the latter part of 1952 and the first part of 1953, Doctor Poor was on leave of absence from the Oak Ridge Institute, serving as executive director of a research committee in Florida known as the "Medical Center Study," which was charged with the responsibility of recommending to the University of Florida how the new medica center, voted by the 1949 state legislature, could best be integrated with the remainder of the university. This research study was supported by the Commonwealth Fund of New York City.

At the institute, Doctor Poor had responsibility for several programs carried out jointly with Oak Ridge National Laboratory, including research participation, Oak Ridge graduate, summer symposia, and traveling lecture programs.

Before joining the Institute staff in 1949, Doctor Poor was Dean of the Graduate School of Alabama Polytechnic Institute.

Terry T. Quirke, BS '51, (MS Minnesota '53) visited the department in September. Terry finished his basic training at Camp Breckinridge, Kentucky, along with Guy Smith, BS '51, MS '53, and Jack Threet, AB '51. All three were classified as scientific personnel, Type B, chief petroleum laboratory technicians. Terry was sent to Fort Lee Virginia, and later to Greenville Station, Jersey City 5, New Jersey, along with Lyle Eberly, MS '53 and John Burgener, MS '53.

Dr. Frank H. T. Rhodes, Ph.D. from the University of Birmingham, who was post-doctoral fellow here in 1950-51, and a member of our summer school staff in 1951 and 1952, is now Science Labratories Associate in Geology, Durham University, England. He recently published two significant papers on his Condonont researches, one in the November 1952 issue of Journal of Paleontology, the second in the August 18 issue of Philosophical Transactions of the Royal Society. The first paper summarizes the results of his studies when he was a post-doctoral fellow working under Doctor Scott in comparing some of the Condonont material he brought with him with American material in Doctor Scott's collections.

Robert E. Rogers, BS '43, MS '48, is now district geologist with Skelly Oil Company for Arkansas, Louisiana, and Texas.

Harold Rotter, BS '48 stopped at the office in September and reported that he is now working on his master's degree at the University of Oklahoma. He had been visiting at his home in DesPlaines, Illinois.

Elwood Schafer, BS '50, visited us in October. Elwood is with Core Laboratories, Inc. of Denver. He had attended the spring convention of the AAPG, Rocky Mountain Section in Casper, Wyoming and met several alumni there. He gave me several addresses and company affiliations of alumni.

Doctor Raymond Siever (g. '43) was recently promoted from associate geologist to geologist in the coal division of the Illinois Survey. Last year he received the President's Award of the AAPG for the most significant contribution to petroleum geology by an author under 35.

Jack A. Simon, AB '41, MS '46, formerly associate geologist with the Illinois State Geological Survey, has been named geologist and head of the Survey's coal division, effective July 1. He succeeded Doctor Gilbert H. Cady who retired August 1, 1951.

Jack is now engaged in completing his doctoral thesis (Northwestern University) by an exhaustive investigation of the geological factors involved in the fall of mine roofs in the coal mines of Illinois. He has been employed by the Geological survey at various times since 1937.

Maurice H. Smith, BS '39, MS '41, formerly with the Sunray Oil Company of Oklahoma City, resigned his position in August 1952 to accept a position as Division Geologist for the Union Oil Company of California, and to take charge of their new division office in the Williston Basin with headquarters at Bismarck, North Dakota. The division office controls eastern Montana, North and South Dakota, or nearly 300,000 square miles. Maurice visited the department on September 14, 1953.

Due to ill health of his mother, Donald W. Sprouse, resigned his position as head of the department of geology at Southern State College, Magnolia, Arkansas where he had been since 1950. Don returned to his mother's home in Huntington, West Virginia to care for her. He planned to do some work for Dr. Janssen at Marshall College.

Arle H. Sutton, with the Aluminum Ore Company of Rosiclare, Illinois, moved to Pittsburgh, Pennsylvania about a year ago to take charge of their head office in Pittsburgh. Doctor Sutton was on our staff from 1927 to 1946.

Warren L. Taylor, MS '49, with the El Paso Natural Gas Company at Jal, New Mexico for 4 years, was sent to Salt Lake City in January to take charge of the Land, Geological and Scouting Departments of the firm's Utah division.

Jack C. Threet, AB '51, with Shell Oil Company, was drafted into the army in the spring. He completed basic training at Camp Breckinridge, Kentucky and was then sent to a petroleum chemistry laboratory near Houston. After release from service Jack plans to return to Shell, in the Rocky Mountain region.

Richard L. Threet, AB '47, MS '49 (Ph.D. Univ. of Wash., '52), with the Department of Geology, University of Nebraska spent last summer in Utah as a member of the staff of E. M. Spieker's Ohio State University geology camp. Dick and Dorothy had been there five years ago as a student so this past summer was like "old home week" to them. They visited Bryce Canyon, Zion Canyon, and North Rim of Grand Canyon. They planned to visit the Illinois camp in Colorado on their way to Utah but missed their turnout (which I can well understand!) and did not have time to backtrack.

Dick and Dorothy plan to spend the next two summers in southwestern Utah doing field work along the Colorado Plateau margin near Cedar City. Dick received a $4400 research grant from the National Science Foundation to extend field studies started in connection with his doctoral thesis.

Dick gave an important paper at the AAAS meetings in St. Louis last year and saw and visited with many Illini.

The Threets have 2 children, Patty (reported in last year's newsletter), and a little boy, Bobby, born February 20 of this year.

Robert F. Urbano, BS '46 visited the department in September, the first time since leaving here in 1946. He had been visiting with Fred and Ellen Shannon, AB '45, MA '50, in Arizona, and reported that Fred had returned from Korea and had set up practice in Wickenberg, Arizona. (You will remember Mrs. Shannon as the former Ellen Jordan).

Bob has been in business in Massachusetts for the past five years. He plans to leave the first of the year for study of art in Paris at the University of Cherbourg. He may also accept a job with the US Embassy in Paris if he has time from his art studies to devote to Embassy work.

Lindell H. Van Dyke, BS '47, MS '48, returned from Korea shortly after the first of the year. While on vacation from work with the Shell Oil Company this September Van visited the department. He hoped to stop by at the Lynches in Tulsa on his way back to Texas.

Jacob Van Den Berg, graduate student since 1952, was recently appointed full-time research assistant in the oil and gas division of the Illinois State Geological Survey.

Joseph Vercellino, BS '47, with the Carter Oil Company, and formerly in Shreveport, has moved to their Billings, Montana office and is living in Miles City.

Wally Ziebell, BS '43, MS '49, visited the department in September. He is now advisory geologist with Gallium Corporation of Canada, Ltd. and was on his way from Canada to Cuba on business.

After receiving his master's degree, Wally spent some time in geological work in Idaho and then taught geology and mineralogy for three years at the University of Miami in Florida. In June, 1951, he left teaching to become consultant for several American mining companies in Cuba until January of this year when he became advisory geologist for the Gallium Corporation. It is interesting to note that three different companies are now operating on the mineral deposits in Idaho which Wally investigated and described in his master's thesis

Wally gave us a lot of brand new information about trends in mining of rare earths and rare metals in which his professional experience has been--thorium, gallium, titanium, germanium and others of similar importance and rarity.

DECEASED

Martin Hewett Billings, June 30, 1953.

Doctor Billings received his AB degree in 1929 from the University of Minnesota; his MS in 1931 from the University of Pittsburgh, and his Ph.D. at Illinois in 1934.

After receiving his doctorate here, Doctor Billings was engaged in petroleum work in Texas, then in Egypt, and spent two years on petroleum exploration for the United States government in the Philippines under the direction of H. Foster Bain. Doctor Billings served for a time as Chief, Electrodes Section, Materials Division of the War Production Board of Washington, and Director of their Mica-Graphite Division. Later he was with the United Carbides and Carbon Company of Niagara Falls, New York. At the time of his death he was General Manager, Union Carbide Europa,, Geneva, Switzerland. His wife, Gladys, a son and two daughters survive him.

Waldorf Vivian Howard, Nov. 22, 1953.

Doctor Howard was born in Inverness, Quebec, April 5, 1895. He received his AB degree in 1916, his MS in 1922 and his Ph.D. in 1924 from McGill University. In 1926 he was appointed instructor in geology at the University of Illinois and was promoted to associate professor in 1936. He left our staff in 1936. At the time of his death he was living in Nashville, Tennessee.

Justus Stevens Templeton, April 21, 1953

Doctor Templeton received his AB degree in 1936 from Princeton, and his Ph.D. at Illinois in 1940.

After receiving his Ph.D. Doctor Templeton was assistant professor of geology at the University of North Dakota for one year, then returned to Urbana where he taught historical, structural and agricultural geology. In the summer of 1943 he accepted a commission with the USNR. In March of 1946 he was appointed assistant geologist on the Illinois Geological Survey, and in 1948 he was promoted to full geologist, a position he was holding at the time of his death which occurred when he was hit by a falling boulder while on a geologic study in Minnesota. His wife, Dorothy, and two children survive him.

Alumni

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ACKNOWLEDGMENT

Thank you for again making possible the accumulation of news into the 1953 newsletter.

The alphabetical listing has been checked with the Alumni Office, with the AAPG membership list, and with some staff members. Usually about 50 copies of the news letter are returned because of incorrect addresses. I appreciate your keeping me informed of any change in position or address.

Best wishes for your continued success.

Rosa M. Nickell

Rosa M. Nickell
Secretary

ANNUAL NEWSLETTER

DEPARTMENT OF GEOLOGY

University of Illinois

Urbana

DECEMBER 1954

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To the Alumni of the Department of Geology:

We are all glad to have Miss Nickell's 1954 newsletter. It reviews the activities of the department thru the year and gives a great deal of information about alumni.

You will be interested to know that enrollment in undergraduate geology courses this year is increased 18% over last year (last year was 14% over the preceding one). Graduate enrollment, the same as last year, remains between 55 and 60, a figure above which we do not propose to go, altho there is considerable opportunity to do so. This year our graduate students come from 45 institutions and 27 states, two Canadian provinces, England, Germany and Switzerland.

We take pride in our knowledge of employment opportunities, prospects, and trends, in part gained thru information from our many alumni in executive positions. This year the number of available jobs at all levels is greater than in several recent years. Thoro preparation and high standing is still being stressed. We are concerned by the very small number of new Ph.D.'s available for the large number of jobs for which a Ph.D. is necessary. Academic vacancies are increasing at the same time the supply of men for them is decreasing. Alumni in policy-making places in mineral industry must be vitally concerned, because your supply of new geologists with graduate degrees comes in very considerable part from the independent arts colleges which are now having such staffing difficulties. Several of us can make concrete suggestions for help for these college departments if you wish. This help might cost your company very little money but would require some thought and arranging. The returns would be large.

Again to those alumni in policy-making positions: There is a noticeable increase in the number of organizations which employ students for the summer, not on a casual basis but on a well-thought out program for looking over promising men and acquainting them with the company without commitment.

We think it significant that our alumni proceed at a very satisfactory rate to important places in industry, government and universities. We take that as evidence of the validity of our selection policy of graduate students and undergraduate majors. We know of no men with graduate degrees who are not in the profession and a very high proportion of our bachelors are in geology (many of them have gone on to advanced degrees).

Please continue to tell us of your activities, personal and professional. We value your visits and hope you will always stop in to see us when you are in central Illinois.

Some of you may not be members of the professional and scientific societies of your interest --- GSA, AAPG, AIME, MS, PS, AGU, etc. We should be glad to get blanks for you and to confer with you about sponsors.

Sincerely yours,

Geo. W. White

George W. White
Head of the Department

GEOLOGY STAFF, 1954-55

Senior Staff:
- G. W. White, professor & head of department
- F. W. DeWolf (professor emeritus)
- C. A. Chapman, professor
- R. E. Grim, research professor
- A. F. Hagner, professor
- J. L. Hough, professor
- P. R. Shaffer, professor
- H. W. Scott, professor
- H. R. Wanless, professor
- J. M. Carr, visiting assistant professor
- J. H. Fisher, assistant professor
- D. M. Henderson, assistant professor
- W. D. Johns, assistant professor
- W. M. Merrill, assistant professor
- F. H. T. Rhodes, assistant professor
- Lois S. Kent, instructor

Fellows:
University of Illinois:
- Lorence G. Collins (BS '53 Illinois)
- Frank L. Doyle (BS '50 Texas)
- Friedrich Lippmann (Ph.D. Gottingen)
- Margaret Jennifer Lucas (BA '54 Oxford, England)

California Company:
- Bruce Susong (BA '54 Miami)

Illinois Clay Products Company:
- John B. Droste (BS '51; MS '53 Illinois)
- Bruce W. Nelson (BS '51 Harvard; MS '54 Penn State)

National Lead Company:
- Barbara Schenck (BS '51 Bates College; MS '53 Smith)

Scholar:
Mobil Producing Company (Socony-Vacuum)
- Darrell Dunn (BS '54 Illinois)

Junior Staff:
- Roy Ernest Anderson (BS '54 Marietta)
- Curtis Ault (BS '54 Kent)
- Jack Baker (AB '50 Princeton)
- Robert Bishop (BS '54 Illinois)
- George Brown (BS '53 St. Joseph's)
- Frederick Cropp (BS '54 Wooster)
- Norbert Cygan (BS '54 Illinois)
- George Dickie (BS '53 Kent)
- John Eccles (BS '51 Manitoba MS '54 Wash. State)
- Paul Hughes (BS '48 Oregon State; MS '50 Arizona)
- Paul Karrow (BS '54 Queens University)
- William Miller (BS '54 St. Joseph's)
- Joseph Mueller (BS '54 Illinois)
- Robert Myers (BS '53 DePauw)
- Terry Offield (BS '53 Virginia Polytechnic)
- Ben Patterson (BS '53 Monmouth)
- Robert Rioux (AB '53 New Hampshire)
- Robert Sitler (BS '53 Pittsburgh)
- Raymond Slovinsky (BS '54 Ohio)
- Laura Sparks (BS '54 Antioch)
- Wilbur Stevenson (BS '52 Illinois)
- Clifford Van Horn (BA '52 Berea)
- Lee Williamson (BS '51 South Carolina)
- Eugene Ziemba (BS '53 St. Joseph's)

Office:
- Rosa M. Nickell, Secretary
- Rozella Hammel, Clerk-Typist
- Martha Millican, Clerk-Typist

NEW APPOINTMENTS

DR. JOHN M. CARR, geologist to the Cyprus Government, was appointed visiting assistant professor at the University of Illinois for the academic year 1954-55. He is teaching courses in structural geology and advanced structural geophysics. He will assist in mineralogy during the second semester.

Doctor Carr was born in London, England. He received his degrees from Oxford, the doctor of philosophy in 1952. Immediately after receipt of this degree he became affiliated with the Government of Cyprus as geologist. He served in the British Army from 1944 to 1947.

Doctor and Mrs. Carr have one small daughter and are living in the student-staff apartment building at 300 S. Goodwin, Urbana.

DR. ROBERT W. DECKER, who joined our staff in February 1954 left at the end of the semester to accept a position at Dartmouth College, Hanover, New Hampshire. Doctor Decker came to us from Reno, Nevada where he was chief geologist with the New World Exploration Corporation. He assisted with courses in Engineering Geology and Sedimentary Petrology. We would liked to have kept Doctor Decker with us but the "hills" of New Hampshire offered more appeal than the plains of Illinois!

Doctor Decker worked for Bethlehem Steel in Venezuela for several years. He was called upon on many occasions to speak on the mineral resources of the country and to show various colored slides which he had taken while there.

DR. WILLIAM D. JOHNS was appointed assistant professor in September 1954. He received his AB degree in 1947 from Wooster; his MS in 1951 and his Ph.D. in 1952 from the University of Illinois.

After receiving his doctorate, Doctor Johns served as research assistant in clay mineralogy, working with Doctor Grim on the API project on clays. Several publications have resulted from this project.

Doctor Johns is teaching Engineering Geology and Mineralogy while Doctor Hough is in India.

Doctor and Mrs. Johns live at 709 Arlington, Champaign; they have two children.

DR. LOIS S. KENT was appointed as instructor in September 1954. She received her AB degree from Oberlin College, her MA from Cornell University, and her Ph.D. from Bryn Mawr College. She was with the USGS in Washington for several years.

Doctor Kent is assisting with Historical Geology and with Physical Geology taking part of the work of Doctor Scott who is on leave this year. Her husband, Doctor Louis R. Kent is opthalmologist with the Christie Clinic. They have one daughter, Katherne.

DR. FRANK H. T. RHODES was appointed assistant professor of geology September 1, 1954. Doctor Rhodes received his Ph.D. at Birmingham. Many of you will remember him as post-doctoral fellow in 1950-51, and later as a "commuter" from England to assist with our summer field camp in Colorado during the summers of 1952 and 1954. During the academic years following receipt of his doctorate Doctor Rhodes was Lecturer at the University of Durham.

Doctor Rhodes is presently teaching Invertebrate Paleontology and Micropaleontology. "He is finding these 8:00 o'clock classes a bit rugged"!

Doctor and Mrs. Rhodes, with their small daughter Jennifer Anne, are living in Doctor Scott's house while the Scotts are away.

NEWS OF PRESENT STAFF MEMBERS

DR. CARLETON A. CHAPMAN and family spent the summer in Maine where he continued his geological work on the structure and petrology of the granites and gabbros of Mount Desert Island and vicinity. He was assisted in the field by Terry Offield, graduate student.

PROF. FRANK W. DE WOLF (Emeritus) and Mrs. De Wolf left in February 1954 for a Mediterranean cruise. They stopped in the east to visit their sons, Frank and John, before sailing on the Norwegian ship "Oslofjord" for 56 days with stops at some 24 ports. They were in Egypt for five days and in southern Spain for three days. Professor DeWolf has been in great demand this fall giving lectures on his travels and showing movies and kodachrome slides.

You will recall that DR. RHODES W. FAIRBRIDGE of Australia was our visiting professor during 1953-54. During the year he was in great demand to speak before various groups in Urbana and in various parts of the country on coral reefs, of which he is a well-known authority.

During the Christmas holidays 1953, Doctor Fairbridge took a group of students to Florida to study coral reefs first-hand. All reported a most profitable trip.

In March, 1954, the Fairbridges traveled thru the eastern part of the country, visiting major universities and speaking before their geology groups.

Immediately after the second semester was over, the Fairbridges left for California where he spent the summer at the Scripps Institution of Oceanography. They sailed for Australia and home in November.

DR. JAMES H. FISHER was director of our summer field camp in Colorado this past summer. He was assisted in field work by Dr. Donald H. Chapman, Dr. Frank H. T. Rhodes and Mr. Norbert Cygan. Thirty-five students were enrolled in the camp, including students from Illinois, Indiana, New Mexico Massachusetts, Texas Washington, and Ohio.

During the current school year Doctor Fisher is teaching a section of historical geology and the physical science course in the Division of General Studies.

In October, Doctor Fisher spoke before the Illinois Geological Society in Effingham on "A Regional Study of the Devonian-Mississippian Shale".

DR. FRANK C. FOLEY, geologist with the Illinois State Geological Survey and Professor of Geology, was appointed State Geologist and executive director of the Kansas State Geological Survey and Professor of Geology at the University of Kansas, September 1, 1954.

Doctor Foley came to the Illinois Survey in 1951 to accept an appointment as head of the Survey's division of ground-water geology and geophysical exploration and research professor of geology at the University of Illinois.

In accepting the Kansas post, Doctor Foley succeeded Dr. John C. Frye who was appointed the new chief of the Illinois State Geological Survey upon the retirement of Doctor Leighton.

We wish the Foleys success in their new undertaking.

DR. RALPH E. GRIM flew to Paris in July to attend the International Union of Crystallography meetings. While in Europe he attended the International Congress of Sedimentology held at the University of Gottingen, Germany. He spent about ten days in Spain during August studying clay deposits.

DR. ARTHUR F. HAGNER spent the summer working on manuscripts for a USGS publication and for several articles to appear in various journals. The work deals with mineral deposits and associated rocks of the Laramie Range Wyoming. He also spent 3 weeks in the Highlands of New Jersey studying the magnetite deposits around Sterling Lake. He will be on leave during the second semester to continue these studies.

DR. DONALD M. HENDERSON spent the summer in Urbana working on reports for previous geologic field work and on a text in mineralogy.

DR. JACK L. HOUGH continues on loan to the Indian Institute of Technology. Kharagpur, India.

DR. MORRIS M. LEIGHTON, chief of the Illinois State Geological Survey for the last 31 years, and 35 years a geologist on the Geological Survey retired July 1, 1954. Doctor Leighton was assistant professor of geology at the University of Illinois from 1919-1922.

Doctor Leighton's successor is Dr. John C. Frye, State Geologist and executive director of the Kansas Geological Survey, University of Kansas, Lawrence, Kansas.

While Doctor Leighton has retired as chief of the survey, he continues as research geologist on the survey to complete work on his studies of the glacial geology of Illinois.

During Doctor Leighton's tenure as chief of the Geological Survey, the research and services of the survey were extended; the construction of the new Natural Resources Building on the University of Illinois campus at a cost of $2,500,000; many new mineral developments in the state including new Illinois oil fields; the use of Illinois coal with eastern coal for the manufacture of metallurgical coke in the steel industry of Chicago and Granite City; new and improved uses for clays and shales in clay mineral technology; extension of the chemical use of fluorspar; and many other developments.

DR. WILLIAM M. MERRILL, who has spent the last four summers at our field camp in Colorado turned over the directorship to Doctor Fisher. He spent the summer in Newfoundland working for the Geological Survey of Newfoundland. His work consisted of mapping and making stratigraphic and chemical studies of a series of limestone and dolomite beds in search of limestone suitable for industrial purposes. He was in charge of a party of 5.

Doctor Merrill is serving as secretary of Sigma Xi for the year 1954-55.

MRS. T. T. QUIRKE, wife of the late Professor T. T. Quirke, spent the summer in the British Isles. She left here in early June, visited cousins in Ottawa, Canada, and friends in Montreal before sailing on the Empress of France. She landed at Liverpool, England, just 15 miles from Lancaster, England, where her son-in-law Col. W. A. Washburn, Jr. is stationed with Headquarters at the Burtonwood Air Force Base. Mrs. Quirke enjoyed a long visit with Col. and Mrs. Washburn (Francie) and daughters, Terry 11, and Emma Leigh, seven.

Mrs. Quirke spent two weeks in Scotland around Edinburgh and enjoyed a week at Oban on the west coast. She also visited Glasgow from where her family left for Ontario, Canada, in 1821. There she saw a number of the present generation of her family. Two brothers of the late Professor Quirke were visited.

When Mrs. Quirke returned home in September she was welcomed by her son Terry. Terry is with the U.S. Army Petroleum Products Laboratory and is stationed at Channelview, Texas. Terry will be in the service until June 1955.

DR. PAUL R. SHAFFER continued his work in northern Illinois working on Pleistocene stratigraphic problems for a part of the summer. Shortly before the beginning of the fall term the Shaffers moved into their new home on Washington Street in Urbana.

Doctor Shaffer attended the formal opening of the enlarged research laboratory of The Carter Oil Company in Tulsa, October 22. He participated in the opening exercises and made a tour of the new research center along with other educators, scientists, research leaders, and industry representatives. Mr. Wallace E. Pratt, former vice president of Standard Oil Company (New Jersey) was the guest speaker at the dinner that evening.

DR. HAROLD W. SCOTT, accompanied by Mrs. Scott and their son, Bobby, age six, left Urbana in July, 1954 for the Mediterranean area.

Professor Scott has been given a year's leave of absence from the University. He is carrying on diplomatic and geological work in reference to the acquisition of concessions for petroleum explorations in various countries, for a major oil company.

The Scotts flew from Chicago to Washington, then on to New York and Paris, France. They visited Rome, Italy, Valletta, Malta, North Africa with stops at Tunis, Tripoli, and Cairo.

Several months will be spent in Karachi, Pakistan.

Joan Elaine joined them in Pakistan in October. They expect to be back in the states around September 1, 1955, perhaps coming by way of Japan and across the Pacific.

DR. HAROLD R. WANLESS spent much of this year in work pertaining to regional compilations of information on the Pennsylvanian system. This study became associated with the Paleotectonic Program of the USGS this year and some time was spent at the Denver Federal Center in June followed by some field work on the Pennsylvanian of the Black Hills and in the late summer visits to sources of subsurface information in Ohio, Mississippi, and Louisiana. In connection with the Mississippi and Louisiana trips, there were luncheons of geologic alumni from Illinois at Jackson and at Shreveport which proved very enjoyable.

Another activity has been the preparation of a report on the Pennsylvanian of the Eastern Interior Basin for a volume on this system which is being prepared by the AAPG.

On a recent excursion on the "Geology of the Upper Mississippi Valley" course, members of the class presented a tie to the leader, Professor Wanless. This tie, carefully and beautifully inscribed by Mrs. Paul Hughes, was imprinted with a stratigraphic section of an idealized Pennsylvanian cyclothem, with a workable coal seam located at a depth approximately equal to that of the position of the second shirt button. At a presentation dinner at the Royal Hotel, Chester, Illinois, Doctor Frank Rhodes quoted Tennyson's "In Memoriam":

> "They say
> The solid earth whereon we tread
> In tracts of fluid heat began,
> And grew to seeming-random forms,
> The seeming prey of cyclic storms,
> Till at the last arose the Man."

We hailed Doctor Wanless as "the man" (foreseen by Tennyson), who has so brilliantly investigated and interpreted these "Cyclic Storms". Doctor Wanless proudly displayed his tie at a subsequent meeting of the Geology Colloquium.

DR. GEORGE W. WHITE was on leave during the second semester of last year. He and Mrs. White left Urbana in early February, traveling thru Mississippi, Alabama, Florida, Georgia, and South Carolina where Professor White visited universities in these states, and interviewed candidates for fellowships and graduate assistantships. Professor White also served as consultant to one of the southern universities on geological and library development.

By the middle of February the Whites were established in Princeton, New Jersey. Professor White was appointed "Visiting Fellow by Courtesy" by Princeton University, was assigned an office, and accorded special privileges in the University Library. He worked throughout the semester on studies of geological observations in the American colonies from 1524 to 1785. Additional studies were carried on in libraries in New York and Philadelphia.

The summer was spent back in Hiram, Ohio "under the maple trees" where Professor White continued his studies on glacial geology of the Allegheny Plateau. John Droste, Robert Sitler, Jack Baker and John Winslow, graduate students were working with him or in nearby areas on Ph.D. dissertation problems.

During the summer, Professor White was elected to honorary life membership in Torch and Key (The Otterbein Scholars). Torch and Key is Otterbein College's leading honor society for scholastic recognition.

On June 1, Professor White represented the President and the University of Illinois as delegate to the Bicentennial Commencement of Columbia University in New York City.

LECTURES

GROVER, E. MURRAY, Louisiana State University, spoke on April 5, 1954 on "Geology and Oil Accumulation, Central Gulf Coast Plain". Doctor Murray was one of the speakers on the AAPG lecture tour for the year, 1953-54.

PROF. HANS PETTERSSON, spoke to the geology group on April 9, 1954 on "The Radioactivity of Deep-Sea Deposits". Professor Pettersson is Director of the Oceanographic Institute at Gothenburg, Sweden. He achieved fame as the leader of the Swedish deep-sea expedition which sailed around the world in 1947 and 1948 in a four masted steel-hulled schooner, the Albatross.

In this expedition they completed the most comprehensive and thoro study of the oceans and sea floor of all three major oceans--the most extensive work that has been done for nearly eight years.

One of the most outstanding results of their work has been the determination of radioactive substances in sea water and in the muds on the sea floor.

Many special techniques employing modern geophysical devices were worked out by the Albatross Expedition that have now been taken over and developed by the great oceanographic institutions of North America.

FRED M. BULLARD, professor of geology at the University of Texas, spoke on April 28 on "A Volcanic Cycle, as Exhibited by Italian Volcanoes".

Doctor Bullard is well known for his interests in volcanoes. In 1929 he was a member of the USGS expedition to Alaska at which time he became interested in volcanoes.

Doctor Bullard visited the well-known volcano, Paricutin, in Mexico, in June 1943 about three months after its birth, and in 1944 carried on research at Paricutin under a grant from the GSA and the University of Texas Research Institute. In 1946 he made a survey of the active volcanoes of Guatemala, El Salvador and Nicaragua.

In 1952 Doctor Bullard made a study of volcanoes in Italy, where he studied Vesuvius, Stromboli, Vulcano and Etna. Doctor Bullard's talk was illustrated with Kodachrome slides and a colored silent movie.

JOHN L. RICH, research professor of the University of Cincinnati, gave a lecture on October 1, on "Three Critical Environments of Deposition and Their Paleogeographic Implications". Doctor Rich was associated with this department from 1911 to 1917.

CARL W. CORRENS, professor at the University of Gottingen, Germany, gave a lecture on "Sediments of the Deep Sea" on October 22, 1954.

PROF. C. E. TILLEY of the University of Cambridge, England, gave a talk on November 29, 1954 on "Volcanic Associations and Petrogenesis". Professor Tilley received the Roebling Medal at the National Meeting of the GSA in Los Angeles in November.

MEETINGS ATTENDED

Geological Society of America:

The annual meeting of the association was held November 1-3, 1954 in Los Angeles, California. Doctors White, Carr and Kent of the department attended the meetings and participated in the field trips following the meetings. Doctor White and Doctor Kent took the Death Valley and the Mojave Desert field trip. Doctor Carr visited the Grand Canyon on the return trip. Doctor Carr gave a paper which is listed below.

Alumni presenting papers on the program were:

HAYDN H. MURRAY, Ph.D. '51 (and others) "Vertical Changes in Chemical Composition of a Partially Weathered Illinoian Till".

HAYDN H. MURRAY (and others) "Vertical Changes in Mineralogical Composition of a Partially Weathered Illinoian Till".

EDWARD J. ZELLER, AB '46; Ph.D. Wisc. '51 (and other) "Factors Influencing the Artificial Precipitation of Calcium Carbonate".

JOHN E. LAMAR, staff '20-21 (and other) "Significance of Carbonate Mineralogy in Relation to the Uses of Carbonate Rocks".

ARNOLD C. MASON. Ph.D. '55 (and others) By title: "Salt-Water Encroachment as Induced by Sea-Level Excavation on Anguar Island".

ARNOLD C. MASON (and other) By title: "Extruded Mudflow Hills of Nirasaki, Japan".

RICHARD L. THREET, MS '49; Ph.D. Univ. Washington, '52 (and others) "Stratigraphy of Early Tertiary Volcanic Rocks in Southwestern Utah".

W. F. BRADLEY, BS '30; Ph.D. '35 (Chemistry) (and other) "Triple Pyroxene Chain-Type Structural Scheme of Sepiolite".

ROBERT S. ROTH, Ph.D. '51 "Synthetic Alkaline Earth Germanates Isostructural With Enstatite and Pseudowollastonite".

ROBERT S. DIETZ, Ph.D. '41 (and others) "Observations by Diving Geologists of Bedrock off Southern California".

J. M. CARR, visiting assistant professor '54-55 "Contemporaneous Slumping and Sliding in the Banded Gabbros of the Isle of Skye, Scotland".

HOWARD E. SIMPSON, MS '42 "Pleistocene Drainage History of the Yankton Area, South Dakota-Nebraska".

M. M. LEIGHTON, Emeritus, Chief of Illinois Geological Survey and H. B. WILLMAN, Ph.D. '31 "geomorphology of the Junction of the Upper and Lower Mississippi River Valleys".

F. P. SHEPARD, staff '22-45 (and other) "Delta Building in the Northern Gulf of Mexico".

The annual meeting for 1955 will be held in New Orleans.

One of the several Illinois geology alumni on the Death Valley Trip following the GSA meeting was R. R. Reynolds, MS '42. Mr. Reynolds is now District Geologist for Calumet and Hecla, Inc., at Albuquerque, New Mexico. He lives at 3431 Anderson Street, Albuquerque.

Other Illinois alumni on the Death Valley excursion were Haydn Murray of Indiana, George Cohee of the USGS in Washington, Adolph Pabst, University of California at Berkeley and William Bradley of the Illinois Geological Survey.

Illinois State Academy of Science:

The 47th Annual Meeting of the Academy of Science was held at Monmouth College, Monmouth, Illinois, May 7-8 1954. The geology section was under the direction of Arthur L. Howland of Northwestern University, and of Jack A. Simon of the Illinois Geological Survey. Participants in the program were:

CARLETON A. CHAPMAN "Granitized Basic Dikes, Mount Desert Island, Maine".

EDWARD C. JONAS, "Uses of Ultrasound in Clay Technology".

JOHN B. DROSTE "Clay Mineralogy of the Lower Tertiary of the San Juan Basin, Colorado".

HILDRETH A. NEWELL "Size Analysis of Some East-Central Illinois Tills".

GEORGE E. EKBLAW AND H. B. WILLMAN "Farmdale (?) Drift Near Danville, Illinois".

RHODES W. FAIRBRIDGE "Silurian Reefs, Compared with Coral Reefs in Florida and Australia".

RICHARD BENSON "Ostracodes of the Type Section of the Fern Glen Formation".

WAYNE PRYOR "Sandstone Aquifers in Upper Pennsylvanian Rocks in White County, Illinois".

RAYMOND SIEVER "Size Dependence and Significance of Varieties of Detrital Quartz in Sediments".

JOHN A. HARRISON "Application of New Techniques to the Study of Banded Ingredients of Broken Coal".

GEORGE W. WHITE (read by title) "Geological Observations of Robert Beverley in 1705".

The next meeting will be held in May 1955 at Southern Illinois University, Carbondale, Illinois.

Tri-State Field Conference:

Professor Wanless was Illinois chairman for the field conference held at Charles City, Iowa, October 16-17, 1954.

Members of both the department and of the Geological Survey staffs attended the conference. Those from the department were: Dr. J. M. Carr, visiting assistant professor from England; Dr. Frank H. T. Rhodes· Dr. Freidrich Lippmann of Germany, a postdoctoral fellow studying under Dr. Ralph E. Grim; Norbert Cygan, Warren Woltman, Donald Ballman, Lee Williamson, Donald Carpenter, Franklin Andrews and Charles Huxel, and members of Doctor Wanless' class in the geology of the Upper Mississippi Valley, Frank Doyle, John Eccles, Paul Hughes, Jennifer Lucas, and Janice Pastorius.

Those from the Survey were Dr. M. M. Leighton, chief, emeritus, Dr. G. E. Ekblaw, Dr. H. B. Willman, Dr. D. H. Swann, Dr. R. E. Bergstrom and James Hackett.

The 1955 meeting will be held in Illinois under the leadership of Doctor Wanless.

American Association of Petroleum Geologists and Society of Economic Paleontologists and Mineralogists:

On April 12-15, 1954 the Annual Meeting was held in St. Louis, Missouri. Professors Fairbridge, Fisher, Grim, Scott and Shaffer of our senior staff attended the meetings. Papers were presented by former students or staff members as follows:

RAYMOND SIEVER (and other) "A Comparative Study of Upper Chester and Lower Pennsylvanian Stratigraphic Variability".

F. P. SHEPARD (and other) "Post-Glacial Stratigraphy Along the Central Texas Coast".

R. F. FAIRBRIDGE read a paper prepared by M. A. Condon of Australia on "Geological Significance of Discovery of Oil at Rough Range, Western Australia".

W. S. MC CABE "Williston Basin Paleozoic Unconformities".

ROBERT L. MILLER (and other) "Sample-Population Concepts in Faunal-Lithologic Facies Studies".

DAN FERAY of the Magnolia Petroleum Company, Dallas, Texas, presided at the Symposium on Regional Aspects of Carbonate Deposition.

ALLEN F. AGNEW, USGS, Platteville, Wisconsin presided at the session on General Paleontology and Stratigraphy.

DOCTOR H. B. WILLMAN, Ph.D. '31, now head of the Illinois State Suvey's studies in stratigraphic and areal geology, aided by others from the Survey staff, outlined the Association's geological field trip given in Calhoun County in connection with the annual meeting. Geologists from all over the United States and Canada attended.

PAUL A. WITHERSPOON, petroleum engineer, assisted by MRS. MARGARET BARGH (MARGARET HAYES, BS '49) prepared an exhibit of the mineral resources of Illinois for display with exhibits from other states in Kiel Auditorium during the meetings of the oil geologists.

The Alumni luncheon of the department was under the leadership of Dr. James H. Fisher, Ph.D. '53, now with the department as assistant professor. Alumni in attendance at the luncheon were:

Budd B. Adams
Allen F. Agnew
Margaret (Hayes) Bargh
A. Lyndon Bell
Richard H. Benson
George D. Brown
Tom Buschbach
Earl C. Cockrum
George V. Cohee
R. J. Cordell
Norbert Cygan
James W. Dean
W. M. "Bill" Decker
Edward L. Dillon
Ray M. Dooley
Max C. Firebaugh
William A. Fisher
James H. Fisher
Glen M. Ford
Don Franklin
Wallace W. Hagan
J. E. Hallowell
J. E. Janes
Lloyd A. Harris
Mrs. Lloyd A. Harris
Castle J. Harvey
David M. Heinz
D. N. Helmuth
John M. Henton, Jr.
William D. Johns
Edward C. Jonas
Michael L. Kidda
James N. Leonard
Arnold C. Mason
James R. McNitt
Richard Mercurio
Jean (Geisler) Moore
Haydn H. Murray
Thomas J. Nolan
Roger Olson
Frank C. Osment
Meredith E. Ostrom
Robert L. Painter
Carl J. Pampe
William R. Pampe
Ben A. Patterson
Harold W. Scott
Paul R. Shaffer
Robert H. Shaver
Conrad Shaw
Francis P. Shepard
Ray Shrode
Norman F. Sohl
Bruce Susong
Henry N. Toler
C. W. Tomlinson
James Wafer
Oscar E. Wagner, Jr.
W. A. White
H. B. Willman
Warren C. Woltman
L. E. Wooley
Roland F. Wright
Eugene A. Ziemba

The 1955 meeting will be held in New York. It is hoped that an alumni lunceon will be held at that time.

Members of the staff and students who attended the Third National Clay Conference sponsored by the National Research Council in Houston, Texas, October 26-29, 1954 were: Dr. Ralph E. Grim, Dr. William D. Johns, Mr. John Droste, Mr. Bruce Nelson and Mr. Warren Woltman.

GRADUATE STUDENTS IN GEOLOGY

1 Semester, 1954-55

Bachelor's degrees

1 Antioch College
1 Arkansas
1 Augustana
1 Bates
1 Berea
1 Brown
1 Centenary
1 Colby
1 Connecticut
1 Dartmouth
1 DePauw
1 Harvard
14 Illinois
2 Kent State
1 Manitoba
1 Marietta
1 Marshall
1 Miami
2 Missouri
1 Monmouth
1 New Hampshire
1 North Dakota
1 Ohio
1 Oregon State
1 Oxford (England)
2 Pittsburgh
1 Princeton
1 Queen's Univ.
1 Redlands
1 St. Joseph's
1 South Carolina
1 Sul Ross
1 Texas
1 V.P.I.
3 Wisconsin
1 Wooster
1 Yale
1 Zurich (Switzerland)

Master's degrees

1 Arizona
1 Arkansas
1 Columbia
3 Illinois
1 Kansas
1 Louisiana State
2 Missouri
1 Ohio
1 Pennsylvania
1 Smith
1 Wisconsin
1 Washington State

States represented

Arizona
Arkansas
California
Connecticut
Illinois
Indiana
Kansas
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Missouri
New Hampshire
New Jersey
New York
North Dakota
Ohio
Oregon
Pennsylvania
Rhode Island
South Carolina
Texas
Virginia
West Virginia
Wisconsin
Washington
Canada (two different provinces)
England
Germany
Switzerland

Fifth-eight graduate students from 45 different colleges and universities, 27 states, and four foreign countries.

Degrees awarded 1954

February 1954

BA/BS

Berliant Ronald F.
Hammack, Julius E.
Wafer, James O.
Mueller Joseph C.
Skipworth, Kenneth A.

MS

Major, Charles Fred Jr.

Ph.D.

McDivitt, James F.

June 1954

BA/BS

Allen, Francis W.
Bishop, Robert E.
Blaesing, Harry V.
Cygan, Norbert E.
Fahnestock, Robert K.
Glawe, Lloyd N.
Ludwig, Roger G.
Mueller, John E.
Ross, Henry P., Jr.
Rasmussen, Harold C.
Schrott, Robert O.
Shafer, John D.

Macy, James O.

MS

Conlin, Richard R.
Mason, Arnold C.
McNitt, James R.
Mercurio, Richard N.
Newell, Hildreth A.
Ostrom, Meredith E.
Phillips, Scott H.
Pryor, Wayne A.
Sprouse, Donald W.
Staffeld, Byron C.
Tranter, Charles E., Jr.
Wilson, Gene D.
Wright Roland F.

June 1954

Ph.D.

Johnson, Robert B.
Schultz, Leonard G.

August 1954

MS

Brown, Henry S.
Porter, John S.

October 1954

Ph.D.

Jonas, Edward C.
Sohl, Norman F.

THESES

Doctor's Theses

February 1954

MC DIVITT, JAMES FREDERICK. BS (University of Western Ontario) 1949; MS 1951; Ph.D. Feb. 1954: Economic Aspects of Mineral Resource Development in Southern Idaho. (Voskuil and White)

June 1954

JOHNSON, ROBERT BRITTEN, BA 1949; MS (Syracuse University) 1950; Ph.D. June 1954: Refraction Seismic Method for Differentiating Pleistocene Deposits in the Arcola and Tuscola Quadrangles, Illinois. (Foley)

SCHULTZ, LEONARD GENE, BS (California Inst. of Technology) 1950; MS Feb. 1952; Ph.D. June 1954: The Petrology of Underclays. (Grim)

October 1954

JONAS, EDWARD CHARLES, BS (Rice Institute) 1944; MS Oct. 1952; Ph.D. October 1954: The Reversible Dehydroxylization of Three-Layer Clay Minerals. (Grim)

SOHL, NORMAN FREDERICK, BS 1949; MS Aug. 1951; Ph.D. Oct. 1954: The Gastropods of the Late Cretaceous Ripley, Owl Creek, and Prairie Bluff Formations. (White-Scott)

Master's Theses

February 1954

MAJOR, CHARLES FREDRICK JR., BS 1952; MS Feb. 1954: Some Ostracods from the Hackberry Formation of Iowa. (Scott)

June 1954

CONLIN, RICHARD RENAULT, BS 1952; MS June 1954: A Geologic Study of the Coal Mine Roof Strata of the Herrin (No. 6) Coal Bed Near Virden, Illinois. (Wanless)

MC NITT, JAMES RAYMOND, BS (University of Notre Dame) 1953; MS June 1954: Inclusions in Quartz in Igneous and Metamorphic Rocks of Central New Hampshire. (Chapman)

MERCURIO, RICHARD NICHOLAS, BS (Bates College) 1952; MS June 1954: Sub-surface Studies of the Tar Springs Formation, Union-Henderson Counties, Kentucky. (Scott)

NEWELL, HILDRETH ADELE, BS (College of Wooster) 1952; MS June 1954: Size Analysis of Tills from Some East-Central Illinois Moraines. (Shaffer)

OSTROM, MEREDITH EGGERS, BA (Augustana College) 1952; MS June 1954: Electric Log Studies of Pennsylvanian Limestones in the Illinois Structural Basin. (Wanless)

PHILLIPS, SCOTT HARLAN, BS (University of Kansas) 1952; MS June 1954: Sub-surface Studies of the Cypress Formation, Richland County Area, Illinois. (Scott)

SPROUSE, DONALD WEST, BS (Marshall College) 1949; MS June 1954: Subsurface Upper Mississippian Rocks of West Virginia. (Hough)

STAFFELD, BYRON CLIFFORD, JR., BS 1952; MS June 1954: Sand-shale Ratios of a Part of the Pennsylvanian in Richland County, Illinois. (Wanless)

TRANTER, CHARLES ENOCH, BA (Augustana College) 1952; MS June 1954: Correlation of Gravel Deposits in the La Plata River Valley, La Plata County, Colorado. (Merrill)

WILSON, GENE DOUGLASS, BS (Marshall College) 1950; MS June 1954: The Instars and Shell Morphology of Ilyocypris Scotti. (Scott)

WRIGHT, ROLAND FINLEY, BS 1952; MS June 1954: Some Pennsylvanian and Lower Permian Fusulinids From Clark County, Nevada. (Scott)

August 1954

BROWN, HENRY SEAWELL, BS (Berea College) 1952; MS August 1954: Anorthite Variations Around Titaniferous Iron Deposits Laramie Range. Wyoming. (Hagner)

PORTER, JOHN SEAMAN, BS (University of Kansas) 1953; MS August 1954: Studies of the Aux Vases Formation in a Portion of Hamilton County, Illinois. (Scott)

GIFT

The Department of Geology has been fortunate in receiving a very valuable mineral collection from Prof. William E. Britton of the College of Law. The collection fills 26 cases and weighs about two tons. There are over 200 species in the collection which took Professor Britton over 20 years to accumulate. Many of his vacation travels were spent around mineral mines and with mineral dealers in this country.

Specimens of copper ore came from Montana and Arizona; quartz, lead and zinc from Missouri; manganese from California; tungsten ore from Colorado and California; tin from California; nickel and cobalt from Sudbury, Ontario, Canada.

EXHIBIT

Classical Works in Geology Exhibited at Natural History Library:

The Geology Department cooperated with the staff of the Natural History Library in a series of exhibits of important and classical items in geology. Two volumes in the first exhibit were of special interest. In volume 1 of Lettres Physiques et Morales by J. A. DeLuc, 1779, the word "geology" was first used, and in volume 1 of Voyages daws Les Alpes by Horace Benedict De Saussure, 1779, the word "geologist" was first used.

The second exhibit in the series displayed two copies of volume 1 of the Transactions of the Royal Society of Edinburgh, containing James Hutton's classic paper (which is the first on modern geology) "Theory of the Earth".

Other exhibits will show copies of other classical works. Some of the works which will be included are Playfair's Illustrations of the Huttonian Theory, Lyell's Principles of Geology, and several American classics such as the first book on American geology by J. D. Schoepf, 1787; the first book in English on American geology by William Maclure in 1817; as well as other important landmarks of the science.

BIBLIOGRAPHY OF GEOLOGY THESES

Your attention is called to the "Bibliography of Geology Theses" compiled by The Petroleum Research Company of Denver, Colorado. The project came into being in an effort to solve the problem of availability and useability for research purposes of published and unpublished geologic literature. We feel this compilation is a worth-while project and we recommend that you grant permission for use of your thesis in the project if you are so requested.

At present the Petroleum Research Company is preparing a coded geologic library for the Rocky Mountain Region on Micro-Research-Cards. Future plans are in progress for preparing similar micro-cards for other areas of the United States as well as Canada and Alaska. The focus of these libraries is directed towards sedimentary geology and the geology of petroleum.

Their libraries will contain a comprehensive coverage of all available published literature as well as an extensive coverage of unpublished literature, including unpublished USGS and State Survey reports, theses, and dissertations. They have obtained authorizations for reproduction from almost all of the geological journals and societies whose articles they wish to include within their libraries. They are in the process of obtaining authorization for reproduction of all of the theses and dissertations that they plan to include.

MARRIAGES

JOHN BROPHY, BS '48; MS '49 and MARGARET ANNE BRYANT, 8-14-54
BYRD BERMAN, MS '53 and IZOLA STARKE, 6-2-54
GEORGE DICKIE, MS '55 and LUCILLE WITT, 5-29-54
ROBERT DOEHLER, BS '51; MS '53 and DOLORES ANN KOTSIAKOS, 8-22-54
ROBERT KENDALL FAHNESTOCK, BS '54 and ANN MARIE RASMUSSEN, 12-21-54
SIDNEY E. GLENN, BS '55 and VIRGINIA FOERTSCH, 9-4-54
ROGER G. LUDWIG, BS '54 and MARION WIESE, 12-26-53
JOHN PORTER, MS '54 and DOROTHY JEAN MARTIN, 9-3-54
ELLIOTT A. RIGGS, and MONA DE LORES MATSON, 6-12-54
LORENA ROSS, BS '46 and BERTIE HOLMIN, 1954
LEONARD G. SCHULTZ, MS '52; Ph.D. '54 and HILDRETH NEWELL, MS '54, 4-18-54
VINCENT C. SHEPPS, MS '52; Ph.D. '55, and AVERILL BROCKELMAN, 7-10-54
LOUIS UNFER, JR., BS '48 and LOIS JUNE HAVEL, 1-30-54
LARRY COLLINS, BS '53; MS '55 and BARBARA SCHENCK, Ph.D. '55 have announced their engagement; the wedding to take place in the spring.

BIRTHS

LESLIE ANDREA, daughter of Mr. and Mrs. Allan Bird, 6-23-53
DAVID, son of Henry and Wilda Brown, 12-7-53
RAND ALAN, son of Dr. and Mrs. R. W. Decker, 4-18-54 (Easter Bunny!)
THOMAS DEAN, son of Mr. and Mrs. G. W. Dettinger (Ruth Hockman), 2-54
KAREN JEAN, daughter of Dr. and Mrs. Sidney E. Ekblaw, 5-30-53
KARLA INGRID, daughter of Dr. and Mrs. Sidney E. Ekblaw, 5-17-54
MARILYN GRACE, daughter of Mr. and Mrs. Larry Finfrock, 11-12-54
MICHAEL LEE, son of Donald and Froncie Foot, 1-13-54
THOMAS MICHAEL, son of Mr. and Mrs. Jerry Freeman (Mary Mifflin), 4-14-54
ROBERT DAY, JR., son of Mr. and Mrs Robert D. Knodle, 9-15-53
MARY ELIZABETH, daughter of Fred and Mary Lois Major, 6-18-54
KAREN, daughter of Ray and Joan McAllister, 1-20-54
RUTH ANNE, daughter of Ernest and Wanda Muller, 1-4-53
LUCILLE ANN, daughter of Betty and Ray Rall, 7-5-54
NORMAN FREDERICK, JR., son of Norman and Dottie Sohl, 1-26-54
LINDA SUE, daughter of Jack and Catherine Threet, 1-6-54
DAVID CRAIG, son of Richard and Dorothy Threet, 4-15-54
MARY CHANDOS, daughter of Mr. and Mrs. DeWitt C. Van Siclen, 8-8-52
CLINTON DE WITT, son of Mr. and Mrs. DeWitt C. Van Siclen, 11-16-53
LINDELL HOWARD, JR., son of Mr. and Mrs. Lindell H. Van Dyke, 2-21-54
GLENN, son of Mr. and Mrs. Fred Williams, 9-29-52
SUSAN JOANNE, daughter of Dick and Lois Winar (Richard Winiarski), 5-8-54
DIANE, daughter of Mr. and Mrs. Warren Ziebell, 8-28-54

DECEASED

Richard Forrest Fisher, February 24, 1954

Mr. Fisher received his AB degree in 1936 and his MS degree in 1941 from the University of Illinois.

For the past fifteen years, Mr. Fisher was connected with the Illinois State Geological Survey, and was currently on leave of absence at the time of his death. Besides his widow and parents, he is survived by two sons, Richard Forrest, Jr., 12, and John Albert, 8.

James Nickolaos Leonard, October 1954

Mr. Leonard received his AB degree in 1945. He had a year of graduate work and then left to accept a position with the Schlumberger Well Surveying Corporation of Evansville, Indiana. He later became connected with the University of Evansville, but more recently was serving as consulting geologist on an independent basis and residing in St. Louis at the time of his death.

NEWS OF ALUMNI AND FORMER STAFF MEMBERS

OLIVER W. BEIMFOHR, BS '40 (MS '41, Vanderbilt; Ph.D. '52, Ohio State U.) was promoted to associate professor of geography as of July 1, 1954. Doctor Beimfohr is with Southern Illinois University.

ALLAN BIRD, BS '51, reported the birth of a daughter, Leslie Andrea born June 23, 1953. Allan is no longer working for Consolidated Caribou but is now serving as a mining geologist for The Atomic Energy Commission Exploration Division in Denver. Their address is: 1028 1/2 Pine, Boulder, Colorado.

ROBERT COXWORTH, BS'49, visited the department in May 1954. Bob has been in the life insurance business for the past four years. He is married and they have two sons, one 15 months and one 2 months at the time of his visit.

HOWARD R. CRAMER, BS '49, MS '50, received his Ph.D. from Northwestern in June 1954. Howard is with the USGS Bibliography Unit in Washington, D. C.

SALLY (SEIBERT) COCKRUM, BS '44 visited the department in January 1954. Sally has been working for the past two years. The Cockrums are in Carmi, Illinois with the Carter Oil Company. Sally reported that Dorothy Johnson, BS '43, MS '45 is now married and the mother of two children.

LARRY COLLINS, BS '53, MS '55, UI fellow, and BARBARA JANE SCHENCK plan to be married in the spring. Larry will enter service shortly after the end of the present semester. Barbara received her bachelor's from Bates College and her master's from Smith. She is attending the University of Illinois on an industrial fellowship and is working for the Ph.D. degree.

We are indebted to W. M. "BILL" DECKER, BS '39, for sending us a copy of the Directory for January 1954 of the Oklahoma City Geological Society. Alumni of the department who are members of the Society are: B. A. Curvin '39; Albert N. Murray '28, M. H. Smith '41 and James W. Dean '48. The directory carries a photograph of most members, company affiliations and addresses, and a listing by schools.

Bill is with Cities Service Oil Company and is vice-president of the Oklahoma City Geological Society.

EDWARD L. DILLON, BS '47; MS '49 has been with Shell Oil Company since receipt of his master's degree. In September 1954 Shell announced the formation of a new Exploration and Land District with headquarters in Abilene. Heading the new Abilene Exploration District is District Geologist E. L. Dillon. Included in the district staffs are 6 geologists, two stratigraphers, two scouts, three draftsmen, a landman, and secretarial employees. Dillon has served as geologist in Shell's Midland Area since 1950, and during 1953 was assigned as administrative assistant to the vice president for an extended period. The newly formed district is in Shell's Midland Area which directs all the company's exploration and production activities in West Texas and Southeastern New Mexico.

The Dillons have built a new home at 902 Pioneer Drive in Abilene.

We wish to add to our alumni list, LOWELL A. DOLLAHAN, BS '30 in general engineering. Mr. Dollahan has been with Standard Oil Company of New Jersey, 1930-31, and with the Ethyl Corporation (a subsidiary of the Standard of New Jersey) from 1931 to the present. He is now District Manager of the Ethyl Corporation, Detroit District, but as of February 1 he will become District Manager of the Kansas City, Missouri District which includes the states of Missouri, Kansas, Nebraska, and Iowa.

His son, Bruce, is coming to Illinois in February 1955 to begin work in geology. Bruce was tackle and captain of the Berkley, Michigan High School football team and will go out for football at Illinois.

SIDNEY E. EKBLAW, BS '29, who is chairman of the Department of Geology and Geography at the University of Kansas City, writes that they are building up their department of Geology and Geography. They have a new president and are experiencing quite a rejuvenation of interest in the University. They plan to add a geologist to their staff to handle geology courses and develop offerings so they can give a creditable major in geology. This will leave Doctor Ekblaw free to carry on the work in geography. During the past three years Doctor Ekblaw has been the only member of the department and had to divide his interests between geology and geography.

Doctor Ekblaw served as geology guide for Wyandotte High School Science Field Club on November 19-21 on a visit to study and map the Queen Hill Quarry at Plattsmouth, Nebraska.

Doctor Ekblaw spent the summer working on manuscripts and teaching.

The Ekblaws have four children, the latest arriving on May 17, and named Karla Ingrid.

ROBERT KENDALL FAHNESTOCK, BS '54 is in the Army as 2nd Lt., stationed at Fort Belvoir, Virginia with the Army Engineers Corps. He and Ann Marie Rasmussen were married on December 21 in Stevens Point, Wisconsin. Ann is a junior at Illinois.

PETER J. FARRELLY, BS '52; MS '53 entered the service in June 1953 with basic training at Fort Leonard Wood, Missouri. He visited the department in February 1954 on his way over-seas.

LARRY J. FINFROCK, BS '40; MS '48 is district geologist with the Sun Ray Oil Corporation in Jackson, Mississippi. They have four children, Carol Virginia, Lawrence Randall, David Lee, and Marilyn Grace; Marilyn having arrived November 12, 1954.

ROBERT E. FOX, MS '53, who accepted a job with The California Oil Company upon receipt of the master's degree, and has been located in Natchez, Mississippi, left about December 15 for Libya where he has employment as an oil geologist with the Bunker Hunt Oils, Ltd. Ann will join him after the first of the year.

WILLIAM J. GARD, BS '50, visited us in September 1954. Bill is with Phillips Petroleum Company and is now stationed at Cordova, Alaska (PO Box 338). He is on a well 100 miles south of Cordova just off Scenic Icy Bay.

ALBERT H. GILLIS, BS '50, is now with Calvert Drilling, Inc., Olney, Illinois. Last year Mr. Gillis spent two months in the Williston Basin in North Dakota doing geological work on three wells which the company drilled between July and September. So far this year he has been working in the Illinois Basin.

ROBERT LEE GLOSSOP, BS '52, spent several years with the Air Force. He is now working for Core Laboratories, Inc., Midland, Texas.

CHARLES "CHUCK" E. GREENWOOD, BS '49, has been with Continental Oil Company since his graduation. Effective September 1, 1954 he was promoted from district geologist at Corpus Christi, Texas, to assistant to the Regional Geologist, Southern Region, with headquarters in Houston. Since the Southern Region extends from Texas to Florida he will have ample opportunity to learn something of the geology of many new areas.

MARY (OSWALD) GRIFFITTS, who served as instructor on our staff 1944-46, and later was with the University of Colorado, is living in the east where her husband has employment. They have a baby daughter about a year and a half old. They live at 101 W. Westmoreland Road, Falls Church, Va.

JAMES HARDESTY, BS '51, returned in June or July 1953 from service, having spent 15 months in Germany. He is with the Seismograph Service Corporation at Poncas City, Oklahoma. James visited his mother during the Christmas holidays, 1953, and called at the Wanless home while in town.

FRED I. HARRINGTON (g. '50-52) visited us on March 24. Fred had just completed work for the master's degree at the University of Iowa. He was on his way to Oklahoma to start work with the Skelly Oil Company. He expected to spend the summer in Colorado for the company.

DONALD C. HAZLETT, BS '28 visited us in October. Mr. Hazlett spent 16 years in National Park Service in Continental United States and island possessions. He has retired to a farm near Russelville, Indiana.

GEORGE D. HOCKMAN, BS '53 has been in service most of the time since graduation. He was first stationed at Fort Leonard Wood, Missouri, and later at Fort Belvoir, Maryland. He visited the department during Homecoming week-end this fall. At Fort Belvoir, George was assigned to the photomapping branch of the topographic department as an instructor.

VIRGIL J. KENNEDY, BS '47; MS '48 is geologist in the Eastern Division of Shell Oil Company. He is located in Midland. They have two children.

ROBERT R. LAMB, BS '47; MS '48 who went with Atlantic Refining Company upon receipt of the master's degree and has been stationed in Casper, Wyoming, Riverton, Wyoming, and Bismark, North Dakota at various times, has been transferred to their Lake Charles, Louisiana office. Bob visited the department in April 1954. He was not looking forward to the change of climate with great enthusiasm.

PHILLIP J. LANE, MS '50, with Continental Oil Company since receipt of the master's degree is now district geologist with that company and is located in Lafayette, Louisiana.

PERRY S. MC CLURE, BS '29 is area geologist for the Midland Area of Shell Oil Company.

JAMES F. MC DIVITT who received his Ph.D. in February 1954, and who has been at the University of Idaho since 1951 went with the Department of Mines and Technical Surveys, Ottawa, Ontario, Canada last summer. His latest plans are to go to Indonesia in January 1955 where he will teach at the technical faculty of the University of Indonesia in Bandung. His family will accompany him.

ERNEST H. MULLER who received his Ph.D. in '52, and who has been on the staff of the USGS since 1949, is now teaching geomorphology and related subjects at Cornell University, Ithaca, New York. While working for the Survey, Ernie spent the summers doing geological work for them in Alaska. His wife and small daughter accompanied him during the summer of 1953.

ROBERT E. MURPHY, JR., BS '50 obtained his master's degree from Emory University in 1953, and is now employed by the Standard Oil Company of Texas. He is located in Dallas.

We are happy to add to our list of alumni, MRS. ALBERT N. MURRAY (ESTHER UTZIG) who received her AB in 1924 and her MS in 1926 from the Department of Geology and Geography. Her husband, ALBERT N. MURRAY, is Head of the Department of Geology at the University of Tulsa. They live at 1211 South College, Tulsa 4, Oklahoma.

Greetings from the OTTONS (LUCILE AND ED) at Christmas time '53 stated that they were ready to move into their own house during the Christmas vacation. Ed was made District Geologist with the USGS in June 1953. Lucile has been teaching at Southern High in Baltimore where they are located. Their son, Jimmy is in 2nd grade now and Janet is in kindergarten.

MARGARET PARKER, MS '53, left around May 1954 on leave of absence from the Illinois Survey for study in Australia. Margaret received a Fulbright fellowship for study at the University of Sydney, Australia on the analysis of geological data by the IBM technique. She should be returning to the States around April 1955.

TERRY QUIRKE, BS '51; (MS '53, Minnesota) is now in the service. He did his basic training at Camp Breckinridge, Kentucky. He was then sent to Fort Lee, Virginia, Greenville Station, New Jersey, and at the present time is stationed at Channelview, Texas. He has visited the department from time to time. He was fortunate to be home in September when his mother returned from her trip to England. Terry is enjoying swimming at the Shamrock Hotel, Houston, as a member of the Club's swimming team.

BETTY (PRETZER) RALL, Ray and children visited the department this fall. Betty is working toward the Ph.D. degree at Illinois. Ray is with the Pure Oil Company as "geological coordinator" and they are living in Fort Worth, Texas. The Ralls have three children, Mary, Robert and Lucille.

LORENA ROSS, BS '46 visited us in February 1954. She had just returned from Stockholm, Sweden. She and Bertie Holmin of Stockholm were married here in the States shortly thereafter. They are making their home in Stockholm. Some of you remember Lorrie for her talent and interests in dramatics and art.

ANDY SESTAK, MS '52, with California Company and stationed in Jackson, Mississippi dropped in to see us during Homecoming Week-end this fall. Andy gave us news of other alumni in Jackson and elsewhere. He reported that the Howard Pattons were being transferred to Bismarck, North Dakota.

RAYMOND SHRODE, MS '50 formerly assistant geologist with the State Geological Survey, was appointed geologist by the Diamond Alkali Company in their Commercial Development Division with offices in Cleveland, Ohio, July 1, 1954.

CLOYD M. SMITH, BS '20; MS '28; (Ph.D. '35 Engineering) sent change of address last December. Since he left

Urbana in 1937 his work has been dominantly mining, but during the past year or two the pendulum has swung back to emphasis on geology. Primarily, he has been looking for worth-while deposits of beryl in the Appalachian region, Maine, Quebec, and in Surinam and Colombia for The Beryllium Corporation of Reading, Pennsylvania.

DONALD E. SNODGRASS, MS '52 has recently set up an office as consulting geologist and is associated with Erwin & Cunningham Production, Inc., at 111 1/2 E. Main Street, Salem, Illinois. Don was formerly with the California Company stationed in Lansing, Michigan, and at Mattoon, Illinois.

ANN (LIVESAY) SUTTON and husband, Myron, are now living at Montezuma Well, Rimrock, Arizona, where Mr. Sutton is with the U. S. National Park Service. Ann received her BS in '44 and her MS in '45. She was later associated with the University of Colorado as a student and staff member, with the Illinois State Museum as Curator of Geology, and with the Department of Geology, University of Kentucky.

WARREN L. TAYLOR, MS '49 is division superintendent of the ElPaso Natural Gas Company located in Salt Lake City.

The ElPaso Natural Gas Company is very active in using natural gas for drilling fluid and using compressed air for drilling in areas where natural gas is not available. One of the problems in gaseous fluid drilling is in penetration of sands and sandy units. They have developed a process to harden wet sands and are carrying on further research for analysis of cuttings from sandy deposits.

RICHARD L. THREET, AB '47; MS '48 (Ph.D. '52, U. of Washington) who is assistant professor of geology at the University of Nebraska, spent t e summer in southwestern Utah where he was visiting professor at the College of Southern Utah, Cedar City, Utah. Dick and Dorothy have three children, Patrician Ann, Robert Kirk and David Craig. They enjoyed the summer in Utah where Dick had plenty of time for field work and lots of off-hours recreation—steak fries and picnics up Cedar Canyon at the College Ranch, and tours thru the national parks in the Land of the Rainbow Canyons with his family.

JACK THREET, AB '51 wrote us in January that he is stationed at the 985th Quartermaster Petroleum Products Laboratory in Channelview, Texas. Jack reports that the broad training he received at Illinois has been indeed valuable in performance of his laboratory analysis work.

Jack, his wife, Katy, and their brand new baby daughter, Linda Sue, are living off-base. Jack is scheduled for discharge in April 1955.

A. W. THURSTON, BS '22 visited the office on April 1, 1954. Mr. Thurston is County Commissioner and President of the State Association of County Commissioners of Boulder, Colorado. He is also a mining consultant for the U.S. Forest Service for the Rocky Mountain Region. Mr. Thurston was on a business trip to Illinois and we were very happy that he stopped in at the office to see us. He spoke of Dr. Wanless, Professor DeWolf, Professors Quirke and Savage under whom he had classes. He also inquired about A. Lyndon Bell.

HENRY NILES TOLER, MS '29 formerly with Southern National Gas Company and later consulting geologist at Jackson, Mississippi, is a candidate for the vice-presidency of AAPG.

EDWIN W. TOOKER, Ph.D. '52, with the USGS in Denver, writes that they are now settled in their new house in Lakewood (10035 W. 8th Avenue) near the Federal Center. All of them enjoy the Colorado climate and scenery. Ed is continuing his wall rock alteration study of the vein deposits in the Front Range in Colorado. He reports that Jack Harrison and Paul Sims are associates on the larger Front Range project, with Paul being party chief.

LOUIS UNFER, JR., BS '48; (MA '51, Wyoming) formerly with the Illinois State Geological Survey began full-time employment as associate geologist with Carl Bays & Associates in February. He and Lois June Havel were married on January 30, 1954. They live at 308 West John, Champaign.

ROBERT F. URBANO, BS '46, writes from Seine, France that he has been seeing a lot of Europe since his arrival there last year. You may remember that in last year's newsletter it was reported that Bob was going to Paris to study art. Bob expects to be back in the states around December 1 of this year when he expects to visit with Fred and Ellen Shannon in Arizona, and with friends in Los Angeles. Bob hopes to spend the next two or three years in Europe.

DONALD D. UTTERBACK, Ph.D. '36 and wife visited us in April. Doctor Utterback is now district director of exploration and production of Freeport Sulphur Company of New Orleans.

LINDELL VAN DYKE, MS '48, with Shell Oil Company of Texas, spent part of his vacation in and around Champaign-Urbana this fall. He and Mrs. Van Dyke attended the Homecoming football game, Illinois-Wisconsin. They planned to return home by way of Kansas and stop to see the Lynches in Wichita who have recently moved into a new home.

DE WITT C. VAN SICLEN, MS '41 (MA '47 and Ph.D. '50 Princeton) is with the Pan American Production Company of Houston, Texas. The Van Siclens have two children, Mary Chandos born August 8, 1952 and Clinton DeWitt born on November 16, 1953.

FREDERICK E. WILLIAMS, MS '51, formerly with the Illinois State Survey is now chief geologist of the Rosiclare, Illinois operation of the Aluminum Company of America. He visited us the later part of November.

RICHARD M. WINAR (WINIARSKI), BS '53 and Lois were on the campus Homecoming week-end. Dick is with the Carter Oil Company of Carmi, Illinois. They have a small daughter, Susan Joanne, born May 8, 1954. Dick is hoping to complete work for the MS degree by June '55.

DORIS E. (NODINE) ZELLER, BS '46 writes that she received the Ph.D. in June from the University of Wisconsin. Her husband, Ed received his AB from Illinois in '46 and his Ph.D. from Wisconsin in '51. Doris' Ph.D. thesis was done on material which she collected while they were in Europe and Algeria for the 19th International Geological Congress. Ed is a visiting lecturer in paleontology for the first quarter of this year in the Department of Geology at Northwestern University, while he is still on the A.E.C. contract at the Department of Chemistry, half-time, at the University of Wisconsin, Madison, Wisconsin.

ROBERT G. ZIRKLE, MS '52, with the California Company of New Orleans was pictured in the Calco News, September 1954, aboard the Albatross. Bob and Jack Schindler found that there was a lot of water between New Orleans, Louisiana, and Fairhope, Alabama. They learned it the hard way when they sailed Jack's 20-foot, gaff rig, cabin sloop, the Albatross, from the Crescent City to Fairhope, Alabama, located on Mobile Bay. With the aid of sails and an auxiliary engine the pair left New Orleans via Lake

Pontchartrain. At Henderson Point, Miss., the men left the boat and returned home, then resumed their trip from that point the following week-end. They anchored overnight in the vicinity of Cat and Ship Islands. They made port at Fairhope, Alabama on the morning of the third day. On the return trip the Albatross sprung a leak; then the pump broke; back to Henderson Point for a new pump; once on their way again, the auxiliary engine ran out of gas; leaving the sails to do all the work - then a squall, with 5-6 feet seas; once again they took refuge on shore near Chef Menteur, La., where they left the Albatross until the next week - 400 plus miles!

ZIEBELL, WARREN G., BS '51 is on the campus at the present writing finishing up work for his master's degree. Warren has been associated with the Gulf Oil Corporation of Midland, Texas, but shortly after the beginning of the year, 1955, he will go to Saudi, Arabia for the Arabian American Oil Company.

Additional Information Supplied by Doctor Wanless:

Early in the summer '54 at Denver, he had occasion to visit separately with a number of alumni including William A. Newton, consulting geologist; Edwin Tooker, Jack Harrison, Edwin Simpson, and Paul Sims, members of the staff of USGS. He talked on the phone with Martin Dueth and Donelson Robertson of the Shell Oil Company, and had a short visit with W. Farrin Hoover, consulting geologist. The Newtons have a new daughter less than a year old. The Simpsons have a child, a second daugher, born in July '53.

During late August in the course of his work at the Geological Survey of Ohio he spent a most pleasant evening with Charles Summerson, staff member at Ohio State University, and his family, including a boy, Hal, and a daughter, Janie.

In September while he was at Jackson, Mississippi, there was an Illinoian luncheon planned in honor of his visit to Jackson attended by Henry Toler, consulting geologist; William Allen and James Offenhiser of Shell Oil Company; Andrew Sestak of the California Company; Charles Barton of Skelly Oil Company; Harold White of the Seaboard Oil Company and Lawrence Finfrock of the Sun Ray Oil Company. He later saw Wade McCormick of the Carter Oil who reported a new daughter born in 1953. In flying between Jackson and Shreveport he had the opportunity to share a seat with Ronald Gsell, BS '30, who is area geologist with the Magnolia Company at Dallas, Texas.

At Shreveport, Louisiana, another luncheon was planned at which were Fred Schroeder, chief geologist and exploration manager of the Union Producing Company; Donald Polk, in charge of Esso Standard Oil Pipeline offices at Shreveport; Robert Rogers, district geologist of Skelly Oil Company at Shreveport; Michael Kidda, with the Murphy Corporation, and Donald Sprouse with the Carter Oil Company.

Doctor Wanless reported that the Illinois alumni were very helpful to him in all places in securing information on data for his regional studies of the Pennsylvanian System.

ADDITIONS AND CHANGES TO ALUMNI LIST OF 1953

AGNEW, Allen, AB '40; MS '42; (Ph.D. '48 Stanford): U.S. Geological Survey, Box 165, Platteville, Wisconsin.

ALLEN, Francis W., BS '54: 1618 N. Newcastle Avenue, Chicago 25, Illinois (home).

ALLEN, William H., BS '36; MS '37: Shell Oil Company, Jackson Mississippi.

ALTROGGE, Julian J., AB '49: Consulting geologist, 339 Masonic Building, Shawnee, Oklahoma, (Home: 9 E. Pulaski).

AMES, John A., MS '50; (BS '41 U. of Denver): 1104 B. & O. Building, Baltimore 1, Maryland, (Res: Pines-On-Severn, Arnold, Maryland).

BALDWIN, Capt. Donald C., BS '49; MS '51: 5505 Pollard Street, El Paso, Texas.

BANDY, James C., AM '50; (AB '49, Berea): Stanolind Oil & Gas Co., Box 2212, Casper, Wyoming.

BARTON, Charles A., MS '52: Skelly Oil Co., Jackson, Mississippi.

BAUER, Mrs. Robert, (Colene Woodmency, BS '51); (Address unknown).

BAXTER, James W., (BS '50; MS '52 U. Of Arkansas): 1209 N. Alabama, Okmulgee, Oklahoma.

BAYSINGER, Eugene M: Monterey Expl. Co., 1507 Pere Marquette Building, New Orleans, Louisiana.

BERLIANT, Ronald F., BA '54: 1840 N. Kimball Avenue, Chicago, Illinois (home).

BERMAN, Byrd L., MS '53; (AB '51 Augustana Coll.): c/o Chrome Corp., Deben, N. Cape, South Africa.

BIRD, Allan, BS '51: Mining geologist, The Atomic Energy Commission, Exploration Division in Denver, Denver, Colorado, (Res: 1028 1/2 Pine, Boulder, Colorado).

BISHOP, Robert E., BS '54; (UI Grad. 1954-55): 1012 West Springfield, Champaign, Illinois.

BLACK, Ronald E., BS '50: 322 E. Lincoln, Onarga, Illinois.

BLAESING, Harry V., BS '54: 2825 W. 36th Street, Chicago, Illinois (home).

BLAZINA, Hubert E., BS '49: (Address unknown).

BLEEKS, Samuel H., (ex. 38-41): (Address unknown).

BOOS, Margeret Fuller (Mrs. C. M.) (staff '49): 2036 S. Columbine Street, Denver 10, Colorado.

BOWMAN, Mrs. Donald C. (Helen M. Storm), AB '48: c/o Sinclair Res. Lab., 860 N. Lewis, Tulsa, Oklahoma.

BRIERLEY, David A., BS '49: 523 W. Adams, Pittsfield, Illinois.

BROADDUS, Mrs. Gene: 606 North "E" Street, Duncan, Oklahoma.

BROCKHOUSE, Robert B., BS '50; MS '51: Shell Oil Co,, P.O. Box 2099, Houston 1, Texas.

BROKAW, Arnold L.; USGS, P.O. Box 360, Grand Junction, Colorado.

BROWN, Henry S., MS '54: (AB '52 Berea): Route 3, Marion, North Carolina (home).

BROWN, Robert P., BS '51: (Address unknown).

BURGENER, John A., MS '53; (AB '51 Macalester Coll.): 3rd QM Petrol. Prod. Lab., Oakland Army Base, Oakland, California.

BUSCHBACH, Thomas C., BS '50; MS '51: Assistant Geologist, 237 Natural Resources Building, Urbana, Illinois.

CAMPBELL, Robert C., (g. 50-52): New Jersey Zinc Company, First Nat'l. Bank Building, Box 421, Harrisburg, Illinois.

CASSIN, Richard J., BS '42; MS '49: Forest Oil Company, Casey, Illinois, (Res: RR2).

CENTURY, Jack R., BS '51; MS '52: Stanolind Oil Company, Box 238, Salt Lake City, Utah.

CLEGG, Kenneth E., BS '50; MS '53: Assistant geologist, State Geological Survey, 207 Natural Resources Building, (Res: 506 N. Lake, Urbana, Illinois)

CONLIN, Richard R., MS '54; (BS '52 Franklin & Marshall): 717 N. Franklin Street, Lancaster, Pennsylvania.

COXWORTH, Robert, BS '49: Equitable Life of N.Y. & others, 3632 Rose Manor Terrace, Markham, Illinois.

CRAMER, Howard R., BS '49; MS '50; (Ph.D. '54 Northwestern): USGS Library – Bibliography Unit, GSA Building, Washington 25, D. C.

CYGAN, Norbert E., BS '54; (grad. student, UI '54-55): Department of Geology, Urbana, Ill.

DADY, William G., BS '45: Consulting, 119 N. 13th, Billings, Montana.

DEAN, James W., BS '48: Dean & Hallowell, Consulting geologists, Brown Building, Carmi, Illinois, (Res: 202 Main Cross, Carmi, Ill.)

DECKER, Willis M., BS '39: District Development Geologist, Cities Service Oil Company, Box 4577, Oklahoma City, Oklahoma.

DECKER, Robert, (Staff 1954); (D. Sc. '53 Colo. School Mines): Department of Geology, Dartmouth College, Hanover, New Hampshire.

DILLON, Edward L., BS '47; MS '49: Shell Oil Company, District Geologist, Abilene, Texas, (Res: 902 Pioneer Drive).

EBERLY, Lyle D., MS'53: 944th Qm, Petrol. Prod. Lab. Det. (Base), Yuma Test Station, Yuma, Arizona.

EDDINGS, Arnold, AB '42; MS '47: 604 Old Nat'l. Bank Bldg., Evansville, Indiana.

ELIAS, Maxim M., AM '39; (AB '37 Kansas Univ.): USGS, Military Geology Branch, Washington 25, D. C.

FAHNESTOCK, Robert K., BS '54, (2nd Lt.); U.S. Army Corps of Engineers, Fort Belvoir, Virginia.

FAIRBRIDGE, Rhodes W. (staff 53-54): Department of Geology, University of Western Australia, Nedlands, W.A., Australia.

FARRELLY, Peter J., BS '52; MS '53: 2nd Lt., 41st (Pipeline) Engineer Co. on Okinawa.

FOLEY, Frank C. (Staff 51-54): Director of Geological Survey, University of Kansas, Lawrence, Kansas.

FOLK, Stewart H., (grad. 42-43); (AB '36, Baylor; MS '38, Iowa): Cia. Exploration del Istma, J.J. Marroqui No. 1, Mexico, D. F., Mexico.

FOOTE, Donald L., BS '47: Consulting geologist, Richard Portis Oil Company, Evansville, Indiana.

FUCHS, Robert L., MS '52; (BS '51 Cornell Univ.): Socony-Vacuum Oil Company, Room 741, Producing Department, 26 Broadway, New York 4, New York.

GILLIS, Albert H., BS '50: Calvert Drilling, Inc., 216 N. West Street, Olney, Illinois

GILMORE, John A., BS '32: 407 Radio Building, Wichita Falls, Texas.

GIRHARD, Nancy, BS '46; MS '48: U.S. Geol. Survey, Bldg. 213, U.S. Naval Gun Factory, Washington 25, D. C., (Res: Apt. 803, 1225 13th St., N.W. Washington 5, D. C.

GLAWE, Lloyd N., BS '54: 33 East Healey, Champaign, Illinois (home).

GLOSSOP, Robert L., BS '52: Core Laboratories, Inc., Midland, Texas.

GODWIN, Mrs. Charles J. (Margaret Jane Copeland); (g. '43-44) (AB '42, Bryn Mawr): RFD 1, Warren Road, Ithaca, New York.

GOLDMAN, Charles R., AB '52: 508 S. Goodwin, Urbana, Illinois.

GOODIN, James E., BS '49: (Address unknown).

GREENWOOD Charles E., BS '49: Continental Oil Co., P.O. Box 2197, Houston 1, Texas.

GRIFFITTS, Mrs. Wally, (Mary Oswald, staff '44-46): 101 W. Westmoreland Road, Falls Church, Virginia.

GROTE, MAJ. Benjamin, MS '34; Ph.D. '49: 301 Hesse Ave., Scott AFB, Belleville, Illinois.

GUTSCHICK, Raymond C., MS '39; Ph.D. '42; (BS '38, Eng. Physics): Department of Geology, University of Notre Dame, Indiana, (Res: 2064 West Dr., Oakmont Pk., South Bend, Indiana.

GROSSMAN, Stuart, AB '52; MS '53: PFC, US51267987, 953rd Petrol.Prod.Lab.(B), Ft. Buckner APO 719, San Francisco, California.

GUTSTADT, Allan M., BS '49: Petroleum Division, Indiana State Geological Survey, Bloomington, Indiana.

HALLOWELL, James, BS '51: Dean and Hallowell, Consulting Geologists, Brown Building, Carmi, Illinois.

HAMMACK, Julius E., BS '54: R.R. 1, Springerton, Illinois (home).

HANSON, William A., BS '51: (address unknown)

HARDESTY, James, BS '51: Republic Exploration Co., Box 381, Midland, Texas.

HARDIE, Charles H., (g. '50-52), (BS '50, Texas Western): Standard Oil Co. of California, Box 278, Oildale, California.

HARVEY, Castle J. C., BS '32: Texas Pacific Coal & Oil Co., Ft. Worth National Bank Bldg., Ft. Worth, Texas.

HAZLETT, Donald C., BS '28: Russelville, Indiana.

HELMUTH, Darrell N., BS '50: Standard Oil Co. of California, P.O. Box 278, Oildale, California.

HEROLD, James D., BS '49: 710 Caroline Street, Belleville, Illinois (home).

HOCKMAN, Pvt. George D., BS '53: Hq. Co. 1st Bn TECR. Ft. Belvoir, Virginia.

HOLMIN, Mrs. Bertie (Lorrie Ross): Skyttevagen 22c, Saltsjobaden, Sweden.

HONEA, Robert C., BS '46; MS '48: 1646 Ardath, Wichita Falls, Texas.

HOOVER, W. Farrin: 3001 Bellaire, Denver 20, Colorado.

IRWIN, Raymond Lee, Jr., BS '49: (Address unknown).

JACKSON, Howard Oliver, Jr., BS '51: (Address unknown).

JOHANNES, MRS. Erwin, (Ann Hartshorn, BS '48): 4839 University Ct., Niagara Falls, N.Y.

JOHNSON, Arthur A. Jr. AB '42: 2045 Chiles Avenue, Reno, Nevada.

JOHNSON, Robert B., Ph.D. '54; (AB Syracuse '49; MS '50): Department of Geology, Syracuse University, Syracuse 10, New York.

JOHNSTON, William E., BS '49: Manager, Commercial Credit Office, 411 Union, Jefferson City, Missouri.

JONAS, Edward C., MS '52; Ph.D. '54; (BS '44, Rice Institute): Department of Geology, University of Texas, Austin, Texas.

JUHRE, Mrs. W. E. (Caryl Jean Thompson, BS '44): (Address unknown).

KENNEDY, Mrs. R. R., (Mary Etnoyer, ex '24): (Address unknown)

KIDDA, Michael, MS '53; (BS '49, Millsaps Coll.): Murphy Corp., 707 Shelby Building, Shreveport, Louisana.

KNODLE, Robert D., BS '47; MS '48: National Water Well Association, 811 North Lincoln, Urbana, Illinois, (Res: 2011 S. Vine, Urbana).

KRAYE, Robert, BS '47; MS '48: Box 90, c/o Atlantic Ref. Co., Torrington, Wyoming

LAMB, Robert R., BS '47; MS '48: Atlantic Refining Company, Box 895, Lake Charles, Louisiana.

LANE, Phillip J., MS '50; (AB '49 Indiana): District Geologist, Continental Oil Company, Box 569, Layfayette, Louisiana.

LANG, William G., BS '48: Production Geologist, Shell Oil Company, First National Bank Building, Oklahoma City, Oklahoma.

LANGER, Milton F., BS '51: grad. student UI 54-55

LARRABEE, David M., MS '36; (AB '32 Dartmouth): USGS, GSA Building, Washington 25, D. C.

LAWLESS, Mrs. John C. (Dorothy L. Rasmussen, BS '46): Address unknown.

LEIGHTON, Morris M. (staff '19-22): Ill. State Geol. Survey, Emeritus, 611 W. Pennsylvania, Urbana, Illinois.

LEIGHTON, Morris W., BS '47: Carter Oil Company, Research Lab., P.O. Box 801, Tulsa, Oklahoma.

LIEB, 1st Lt. William D., BS '52: Battery A, 86th AAA Missile Bn, Mundelein, Illinois.

LITTLE, Louis T., BS '42; (MS '? Chicago): Address unknown.

LITTLEJOHN, Robert V., (g. '48-49); (AB '48 Colo. Univ.): 408 East Main, Robinson, Illinois.

LUDWIG, Roger G., BS 54: (Armed services); 445 Gramaton Avenue, Mt. Vernon, New York (home).

MCALLISTER, Raymond F., Jr., MS '51; (BS '50 Cornell Univ.): c/o Scripps Institution of Oceanography, La Jolla, California. (Res: 5264 Dawes, San Diego 9, Calif.)

MC CABE, William S., BS '34; MS '35: Regional geologist, Stanolind Oil and Gas Co., Box 40, Casper, Wyoming.

MC COMMONS, William E., BS '47: Flamingo Oil Inc., Chief Geologist, 6466 Pemberton Drive, Dallas 30, Texas.

MC COMMONS, Mrs. William E. (Mary Louise Widener, BS '47): 6466 Pemberton Drive, Dallas 30, Texas.

MC CORMICK, Wade L., MS '53; (BS '50 Miss. State): Carter Oil Co., Box 1490, Jackson, Miss.

MC DIVITT, James F., BS '51; Ph.D. '54: Mines Branch, Dept. of Mines & Technical Surveys, Ottawa, Ontario, Canada.

MC NITT, James R., MS '54; (BS '53, Notre Dame Univ.): 7723 Grandon Avenue, Chicago 49, Illinois (home).

MC GEHEE, J. Rex, (g. 31-32); (BS '29 Oklahoma): Shell Oil Company, 417 Commonwealth Bldg, Denver, Colorado.

MACY, James O., BS '54: 211 West Third Street, Mt. Carmel, Illinois (home).

MAJOR, Charles Fred Jr., BS '52; MS '54: c/o Shell Development Company, 3737 Bellaire Boulevard, Houston 25, Texas.

MERCURIO, Richard N., MS '54; (BS '52 Bates Coll.): c/o Carter Oil Company, Liberal, Kansas.

MILLER, Don J., MS '42: U.S. Geol. Survey, Room 108-B, 4 Homewood Park, Menlo Park, California.

MILLER, Robert Lee, AB '42; (MS; Ph.D. Univ. of Chicago): Department of Geology, University of Chicago, Chicago 37, Illinois

MINARD, David Lee, BS '45: Lion Oil Co., New Orleans, Louisiana. (Res:207 Carnation St.)

MORGAN, Joseph K., BS '50: Skelly Oil Company, P.O. Drawer 312, Sterling, Colorado. (Res: 213 Logan Street)

MORTON, Robert B., MS '43; (BS '41 Birmingham-Southern): Sunray Oil Corp., Wilson Building, Corpus Christi, Texas.

MUELLER, JOHN E., BS '54: 2050 W. Farragut, Chicago 25, Illinois (home).

MUELLER, Joseph C., BS '54; (UI g. 1954-55)

MULLER, Ernest H., MS '49; Ph.D. '52; (AB '47 Wooster): Department of Geology, Cornell University, Ithaca, New York

MURPHY, Robert Jr., BS '50; (MS '53 Emory U.): Standard Oil of Texas, P.O. Box 538, Dallas, Texas.

NICKOLS, Daniel F., BS '47: 604 Peoria, Lincoln, Illinois (home).

NOLAN, Thomas J. Jr., BS '48: The Ohio Oil Company, 3685 Benjamin Avenue; NE, Grand Rapids, Michigan.

OFFENHISER, John J., AB '49: Shell Oil Co., Box 1817, Jackson, Mississippi.

OSTROM, Meridith E., MS '54; (BS '52 Augustana); (UI grad. 54-55).

OTTON, Edmond G., BS '39; MS '47: U.S. Geological Survey, Head, Ground Water Division, Johns Hopkins Univ., Baltimore, Maryland. (Res: 1108 Elbank Ave.).

OTTON, Mrs. Edmond G., (Lucille Fredigke, BS '40): 1108 Elbank Avenue, Baltimore, Maryland.

PAGE, Kenneth G., BA '51: 1600 N. Bigsprings, Midland, Texas (home).

PARKER, Margaret Ann, MS '53; (BS '43 Northwestern): Assistant Geologist, Ill. State Geol. Survey, (On leave of absence in Australia).

PATTON, Howard L., BS '46; MS'48: c/o The California Company, Bismarck, North Dakota.

PEACE, Frank S., BS '49: 502 W. Van Buren, Ottawa, Illinois (home).

PENDLETON, Margaret M., MS '48; (BS '46 Michigan): Continental Oil Company, Box 632, Billings, Montana. (Res: 524 N. 23rd, Apt. 9).

PENN, J. W., (g. '48-49); (BS '48 Marietta): Gulf Oil Corp., P.O. Box 661, Tulsa, Oklahoma.

PERVINSEK, Robert J., BS '51: General Geophysical Co., Party No. 15, Box 1123, Lovington, New Mexico.

PETSOFF, George, Jr., BS '43: Cardinal Geophysical Co., 542 Petroleum Bldg., Wichita, Kansas.

PHILLIPS, Scott H., MS '54; (BS '53 Univ. Kansas): The California Company, Box 780, Denver 1, Colorado.

PINKLEY, George D. (ex '24): Address unknown.

POHLO, Ross Henry, BS '54: 10025 S. Forest, Chicago 28, Illinois (home).

PORTER, John S., MS '54; (BS '53 U. of Kansas): c/o California Company, 313 DeSota Building, Pensacola, Florida.

PRYOR, Wayne Arthur, MS '54; (BS '52 Centenary Coll. La.): Assistant Geologist, Ill. State Geological Survey, 425B Natural Resources Bldg., Urbana, Illinois.

PULLEN, M. William, Jr., Ph.D. '50; (AB '38 Colgate, MS '40 Syracuse): Carl A. Bays & Associates, Inc. Box 189, Urbana, Illinois.

QUIRKE, Terence T., Jr. BS '51; (MS '53 Univ. of Minn.) 985th QM, Petrl. Prod. Lab., San Jacinto Ord. Depot, Channelview, Texas.

RALL, Mrs. Raymond W., (g. '46-54): (BS '43 Brown; MS '46 Columbia): 4329 Rector, Ft. Worth, Texas.

RALL, Raymond W., BS '50; MS '51: c/o Pure Oil Company, Ft. Worth, Texas.

RALSTON, Roy B., (g. '40-41); (BS Cornell Coll.): Ralston Equipment Co., Olin, Iowa

RASMUSSEN, Harold C., BS '54: 1004 S. 4th Street, Table Grove, Illinois (home).

REYNOLDS, Robert R., MS '42: District Geologist, Calumet & Hecla Inc., Albuquerque, N. M.

ROSS, Lorena, BS '46 (Mrs. Bertie Holmin): Skyttevagen 22c, Saltsjobaden, Sweden.

SCHAFER, Elwood W., BS '50: Core Lab. Inc., Box 193, Worland, Wyoming.

SCHROTH, Eugene H., BS '27; MS '36: Allerton House, Monticello, Illinois.

SCHROTT, Robert Otto, BS '54: 3046 Sherwin, Chicago 45, Illinois (home).

SCHULTZ, Leonard G., MS '52; Ph.D. '54; (BA '50 Cal. Inst. Tech.): U.S. Geological Survey, Grand Junction, Colorado. (Res: 338 S. 7th Street).

SCHULTZ, Mrs. Leonard G., MS '54; (Hildreth Newell, BS '52 Wooster): 338 S. 7th Street, Grand Junction, Colorado.

SHAFER, John Diel, BS '54: J. L. Black Oil Prod. Inc., Box 224, Noble, Illinois.

SHEPPS, Vincent Chester, MS '52; Ph.D. '55; (BS '50 Franklin & Marshall): c/o C. H. Brockelman, Peaceful Valley Farm, Franconia, New Hampshire.

SHRODE, Raymond S., MS '50; (BS '41 Monmouth): Diamond Alkali Company, Commercial Development Division, Union Commerce Bldg., Cleveland, Ohio.

SIO, Robert C. (g. '48-49): Address unknown.

SKEELS, Thomas A., BS '32: Address unknown.

SMITH, Cloyd M., BS '20; MS '28: Consulting Mining Engineer, 437 Munsey Bldg., Washington 4, D. C.

SMITH, Guy W., BS '51; MS '53: Chief Petroleum Lab. Tech., 944th QM PPL, Det. (Base), Yuma Test Station, Yuma, Arizona.

SMITH, Henry L., AB '43: Coal Petrographer, US Bureau of Mines, 648 Southcrest Ct., Pittsburgh, Pennsylvania.

SNODGRASS, Donald B., MS '52; (BS '50, Wooster): Consulting Geologist, Erwin & Cunningham Production, 111 1/2 East Main St., Salem, Illinois.

SOHL, Norman F., BS '49; MS '51; Ph.D. '54: USGS, National Museum, Paleo-Stratigraphy Branch, Washington, D. C.

SOLEY, Earl L., Jr., BS '50: 500 West Road, Lombard, Illinois (home).

SORKIN, Jerome H., BS '48: Asst. Highway Engineer, Calif. Division of Highways, San Bernardino, Calif. (Res.: 396 E. Avery).

SOVERI, Urpu Dr. (post-doctoral '54): Administration of Roads & Waterways, Helsinki, Finland.

SPIRER, Harold W., Airman 3rd Class (g. '51-52) Address unknown

STAFFELD, Byron C., Jr., MS '54; (BS '52, Psychology): 4314 N. Kostner Ave., Chicago 41, Illinois.

STEPHENS, Robert M., MS '49; (BS '48 Engineering): Tenn. Production Co., 901 E. Reppto St., Brownfield, Texas.

STEVENSON, Wilbur L., BS '52: (Ul g. 1954-55) (On leave from Pure Oil Company)

STUTE, Richard W., BS '50: Varna, Illinois (home)

SUTTON, Mrs. M. D., (Elizabeth Ann Livesay, BS '41; MS '45): Montezuma Well, Rimrock, Arizona.

THREET, Jack C., Pfc., AB '51: 985th QM Petroleum Products Lab (Base), San Jacinto Ordnance Depot, Channelview, Texas (Res: 1010 Westfall, Pasadena, Texas).

TRANTER, Charles E., Jr., MS '54; (AB '52 Augustana): (Armed services): 2618-14th Ave., Moline, Illinois (Res. of parents of Sharon)

UNFER, Louis, Jr., BS '48; (AM '51, U. of Wyoming): Carl Bays Associates, Inc., 308 North Orchard, Urbana, Illinois.

URBANO, Robert F., BS '46: 23 Rue Emile Zola, Pre St. Gervais, Seine, France.

VAN TUYL, Francis M., (staff '15-17): Consulting, 1207 16th St., Golden, Colorado.

VERCELLINO, Joseph, BS '47: The Carter Oil Company, Box 150, Miles City, Montana. (Res: 601 S. Prairie).

VINEYARD, William L, BS '49; MS '50: The Texas Company, PO Box 2332, Houston 1, Texas.

VORIS, Richard H., MS 52; (BS '50 Augustana): 2944 Farnam Street, Davenport, Iowa (home)

WAFER, James O., BS '54: (UI g. 1954-55).

WAGNER, Oscar E., Jr., AB '28; AM '29; Ph.D. '32: Service Drilling Company, Tulsa, Oklahoma (Res: 5314 E. 13th St.)

WALCHER, Wayne E., MS '41; (BS '39 Wichita Univ.) Address unknown.

WALK, Hugh C., AB '41; MS '48: The Texas Company, Box 2332, Houston 1, Texas.

WEBER, Mrs. Edwin H., (Mary Hill, g. '45-46): 40 Lee Street, Mill Valley, California

WEEKS, Wilford F., BS '51; MS '53: 5135 S. University, Chicago 15, Illinois

WILLIAMS, Frederick E., MS '51; (AB '41 Wooster): Aluminum Company of America, Rosiclare, Illinois.

WILSON, George M., BS '42; MS '44: Ill. State Geol. Survey, Room 100 Nat. Res. Bldg., Urbana, Illinois.

WINAR (Winiarski), Richard M., BS '53: Carter Oil Company, Carmi, Illinois.(Res: 408 1/2 First Street).

WRIGHT, Roland F., BS '52; MS '54: Atomic Energy Commission, Grand Junction, Colorado.

ZIEBELL, Walter R., BS '43; MS '49: 2322 Washington, Hollywood, Florida.

ZIEBELL, Warren G., BS '51; MS '55: Gulf Oil Corporation, PO Box 1150, Midland, Texas.

ACKNOWLEDGMENT

Thanks are again due to those who have sent in bits of news about themselves, their families, and other alumni. Such items are indeed appreciated. Lack of mention of our older alumni has been noticed. Why don't each of you turn to your 1955 calendar, mark say, JULY 1, SEPTEMBER 1, and OCTOBER 1 as a follow-up for sending in news items, and help make next year's newsletter bigger and better than ever! I have found "calendar marking" a wonderful way of "getting things done". Receipt of such items makes the compilation a pleasure indeed, and words of appreciation received each year from you make the project seem worthwhile.

I am happy to report that fewer newsletters were returned last year than in previous years because of incorrect addresses. Let's keep up the good work of reporting changes as they occur.

Wishing you continued success in the coming year, I am

Sincerely yours,

Rosa M. Nickell

Rosa M. Nickell
Secretary

ANNUAL NEWSLETTER

DEPARTMENT OF GEOLOGY

University of Illinois

Urbana

MARCH 1956

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March 12, 1956

To the Alumni of the Department of Geology:

I have just spent a pleasant evening reading Miss Nickell's latest "Newsletter". Her writing of it is a year-round job. Visiting alumni supply information about themselves and their friends; information in letters, announcements and clippings is noted; staff members give her information about alumni from their correspondence and travels. So complete are her files that not infrequently the University administration finds she has more data on an alumnus than any other office. (On the recent election of a geology alumnus to a college presidency most of the University story came from her files).

We hope time can be found to tabulate the distribution of alumni in various industries and organizations. As you read the list you will be interested to see the various company, survey, college and university affiliations.

You may have heard that construction will soon begin on the "New Biology Building" across Mathews Street. As chairman of the LAS Building Committee I know about the plans and progress of this building. It will house a Biology Library, leaving the present Natural History Library for a Geology Library; the Bacteriology Department, now in the Chemistry Building; and the Physiology Department, now on the 4th floor and attic of Natural History. The two largest biology departments, Botany and Zoology, are not included and will absorb essentially all space vacated by Physiology. A couple of basement geology laboratories can be made in rooms vacated there by the Library. You will see, therefore, that our increasingly critical space problem remains unsolved.

The University realizes the problems caused by increase in enrollment. They are not of the future, they are here now. You may have heard of the bold solution proposed for student housing. It is thoroly practical and has very considerable probability of approval. An equally bold solution for University academic space needs may soon be proposed. The 1956 attitude in Urbana is that solutions to problems are possible and imaginative proposals are welcomed.

The problems of increase in geology enrollment are several and of different degrees of severity. Increase in general courses can be dealt with by increase in space and staff. Increases of majors and graduates present more complex problems. Certainly these groups cannot grow at the same rate as the general courses (or can they?). Selection policies will have to be studied. Should we accept larger numbers with the expectation of eliminating the lower part, or should we accept only those we are quite sure will be able to do well? Before you answer, recall the occasional Phi Beta Kappa who doesn't do well in graduate work and the chief geologist (or now distinguished professor) who did not "find himself" until his junior year or even until his first graduate year.

I know you will join me in appreciation of Miss Nickell's work. A note or postal card to her would be welcome and would give her a good start for the 1957 "Newsletter".

Sincerely yours,

Geo. W. White

George W. White
Head of the Department

GEOLOGY STAFF, 1955-56

Senior Staff:

G. W. White, professor & head of department
F. W. DeWolf (professor emeritus)
R. E. Grim, research professor
C. A. Chapman, professor
A. F. Hagner, professor
J. L. Hough, professor
H. W. Scott, professor
P. R. Shaffer, professor
H. R. Wanless, professor
C. B. Maxey, research associate professor
D. U. Deere, associate professor
W. M. Merrill, associate professor
F. H. T. Rhodes, associate professor
Albert Carozzi, visiting assistant professor
D. M. Henderson, assistant professor
J. B. Droste, instructor

Fellows:

University of Illinois:

Margaret Jennifer Lucas (BA '54 Oxford, England; MS '55 Illinois)
Jurg Meyer, (Eng. Geol., Zurich, '53)

California Company:

Norman Haack, (BS '55 Whittier)

Illinois Clay Products Company:

Bruce F. Bohor (BS '53 Beloit; MS '55 Indiana)
Robert W. Doehler (BS '51; MS '53 Illinois)

National Lead Company:

Raymond L. Slovinsky (BS '54 Ohio University)

Shell Company:

Robert L. Rioux (BS '51; MS '53 Illinois)

Junior Staff:

Curtis Ault (BS '54 Kent; MS '56 Illinois)
Jack Baker (AB '50 Princeton)
Donald Ballmann (AB '54 St. Joseph's; BS '55 Illinois)
Eugene Borden (BS '55 Lamar St. College)
Allen Braumiller (AB '55 Mississippi)
John Bredehoeft (BS '55 Princeton)
Calvin Bromfield (BS '48; MS '50 Arizona)
Livingston Chase (BS '50 New Hampshire)
Fred Cropp (BA '54 Wooster)
Norbert Cygan (BS '54; MS '56 Illinois)
John Eccles (BS '51 Manitoba; MS '54 Washington State)
James Garrett (BS '54 Marshall)
Donald Gednetz (BS '55 Kent)
Paul Hughes (BS '48 Oregon State; MS '50 Arizona)
Paul Karrow (BS '54 Queen's)
Walter Lundwall (BS '55 Bowling Green)
Robert Michalski (BS '56 St. Joseph's)
Ward Motts (BS '49 Columbia; MS '51 Minnesota)
Dale Patterson (BS '55 Illinois)
Michael Schneider (BS '52 Cornell College; MS '55 Miami)
LeRoy Sims (BS '56 Illinois)

Junior Staff (continued):

Robert Sitler (BS '53 Pittsburgh, MS '55 Illinois)
John Stone (BA '53 Ohio Wesleyan)
James Tharin (BS '54 St. Joseph's)
Clifford Van Horn (AB '52 Berea)
Floyd Wahl (BS '53 DePauw)
Lee Williamson (BS '51 So. Carolina)
Ronald Willis (BS '52; MS '53 Wyoming)
Roger Wilson (BS '55 Illinois)
Paul Wingard (BS '52; MS '55 Miami)
Warren Woltman (BS '55 Illinois)

Office:

Rosa M. Nickell, Secretary
Rozella (Hammel) Hardy, Clerk-Typist
Julie Norton, Clerk-Typist

NEWS OF PRESENT STAFF MEMBERS

DR. ALBERT CAROZZI, University of Geneva, Switzerland, was appointed visiting assistant professor at the University of Illinois for the academic year 1955-56. He is teaching courses in structural geology and advanced Alpine tectonics.

Doctor Carozzi was born in Geneva, Switzerland, April 26, 1925. He received his degrees from the University of Geneva, the Ph.D. in 1948. He has served as consulting geologist on dam building in the Alps, on special problems of foundations, bridge building, etc. Since 1953 he has been with the University of Geneva. He has an impressive list of publications to his credit.

Doctor Carozzi attended the GSA meetings in New Orleans last November and took part in the pre-meeting Appalachian field trip.

Doctor and Mrs. Carozzi have one small daughter and they reside in the Student-Staff Apartments, 300 South Goodwin, Urbana.

DR. CARLETON A. CHAPMAN and family again spent the summer in eastern Maine where he continued his geological work on the structure and petrology of the granites and gabbros of Mount Desert Island and vicinity. He was assisted in the field by Jack McGregor and Paul Wingard.

DR. DON U. DEERE, holds a joint appointment as associate professor of geology and civil engineering as of March 1, 1955. He received the BS degree in mining engineering at Iowa State College; the MS degree from the University of Colorado; and the Ph.D. from Illinois in 1955. His doctorate dissertation was on engineering properties of the subsoils of Puerto Rico.

In 1946 Doctor Deere became affiliated with the University of Puerto Rico where he advanced to Head of the Department of Civil Engineering in 1950. He later resigned this position to become Lecturer so he could devote more time to the activities of The Foundation Engineering Company of Puerto Rico, of which he was a partner.

Doctor Deere is teaching our geology course in mineralogy for undergraduate engineers, and our graduate course in geology for civil engineers.

Doctor Deere spent most of last summer on the campus where he gave two courses in the Civil Engineering Department. During the latter part of the summer he spent several days in the Hawaiian Islands where he was engaged as a consultant on an earth dam project. He also spent several days in the states of North Dakota, Montana, New York and Pennsylvania as consultant in various engineering geology and foundation problems. He and Doctor Grim are jointly carrying on research on the mineralogy and engineering properties of natural sediments.

Doctor and Mrs. Deere have 2 children, a boy and a girl. They live at 307 E. Pennsylvania, Urbana.

PROF. FRANK W. DEWOLF, (Emeritus) and Mrs. DeWolf spent the summer in Urbana. They attended various meetings during the year - AAPG in New York; GSA in New Orleans this past November, and others.

Prof. and Mrs. DeWolf left February 14 for a 42-day cruise on a Delta Line steamer for St. Thomas, Virgin Islands; Rio de Janeiro and Santos, Brazil; Montevideo, Uruguay; Buenos Aires, Argentina; and Willemstad, Curacao, N.W.I. They plan to return to Urbana around March 29.

DR. JOHN B. DROSTE holds a joint appointment in geology and the Division of General Studies as of September 1, 1955. Doctor Droste received all his degrees at Illinois, the BS in 1951, MS in 1953 and the Ph.D. in 1956. John served as assistant (part time) since 1951. In 1954 he was Illinois Clay Products Fellow. John spent the summer in Erie, Pennsylvania with his family where he worked with Doctor White in Pennsylvania and neighboring states on a glacial till constitution research project. He was assisted in the field by Mr. Robert Doehler.

John and Mary have one son, John Anderson, born February 15, 1955. They live at 1110 Briarcliff, Urbana.

DR. RALPH E. GRIM spent a couple of weeks in France last September where he visited the kaolin clay deposits in Brittany.

Doctor Grim was elected Honorary Fellow of the National Academy of Sciences of India on the occasion of the Silver Jubilee which was celebrated December 26 to 29, 1955 at Lucknow University, Lucknow, India.

He is chairman of the Clay Minerals Committee of the National Research Council, and chairman of the International Committee for the Study of Clays. The University invited the Clay Minerals Committee of the National Academy of Science - National Research Council to hold its annual National Conference on Clays and Clay Minerals at Urbana in October, 1956. Doctor Grim is making arrangements for this conference.

Last summer he and Mrs. Grim enjoyed a short vacation in Wisconsin.

DR. ARTHUR F. HAGNER was on leave of absence the second semester of last year doing laboratory work on magnetite deposits of southeastern New York. He extended this work to New Jersey during the summer.

DR. DONALD M. HENDERSON spent the summer in Urbana working on reports for previous geologic field work and doing laboratory research. He attended the GSA meetings in New Orleans in November.

Don and Peggy have 3 boys and 1 girl, Judith, born 1-28-56. They live at 805 South Maple, Urbana.

DR. JACK L. HOUGH and family returned to the campus in September after having been on loan, since February 1954, to the Indian Institute of Technology, Kharagpur, India. They left India on June 1, 1955 and visited several countries in the near East and Europe, namely, Lebanon, Syria, Egypt, Turkey, Greece, Yugoslavia, Italy, Switzerland, France and England. Doctor Hough then was engaged in field work in Canada during August while the family visited in Michigan.

DR. GEORGE B. MAXEY is head of the Ground-Water Division of the State Geological Survey and research associate professor of geology. You will remember that Dr. Frank C. Foley now state geologist and executive director of the Kansas State Geological Survey, formerly held this position before his resignation in July 1954.

Doctor Maxey received his formal training at Montana State University, Utah State Agricultural College and Princeton, where he received the doctorate in 1951. Doctor Maxey has worked for the USGS, Ground-Water Division in Utah, Kentucky, Nevada and spent a couple of years in Libya on soils and irrigation problems. Before coming to Illinois he was assistant professor of geology at the University of Connecticut.

Doctor Maxey has published many papers and is a member of several important professional societies.

He and Mrs. Maxey have 3 children.

DR. WILLIAM M. MERRILL was a member of a party of scientists who were in northwest Greenland this past summer on a project sponsored by the Ohio State University Research Foundation under a contract with the Snow Ice and Permafrost Research Establishment, Corps of Engineers.

The expedition was lead by Prof. Richard P. Goldthwait of Ohio State University. They spent 2 1/2 months at the 150-foot high ice cliffs, bordering part of a glacier north of Thule, where studies of local geomorphology and supply, motion, and structure of ice were carried out. Doctor Merrill was engaged in a study of structures in glacier ice, including the orientation of crystals with respect to ice motion. He plans to return to Greenland for a month and a half this summer to continue this work.

DR. HAROLD W. SCOTT and family returned to Urbana in September after spending more than a year in Africa, Europe, the Middle East and the Far East. They visited 14 countries but spent most of their time in Italy, Libya, Turkey, and Pakistan. Seven year old "Bob" got an introduction to education in Pakistan and Libya. Doctor Scott has been called upon by various organizations to discuss his travels.

Doctor and Mrs. Scott attended the wedding of their daughter, Joann to Wells Anderson, Jr. of Snyder, New York in the Chapel on the campus of the University of Virginia, Charlottesville, December 10, 1955. Mr. Anderson is a senior at the University of Virginia and next year will attend the University of Virginia Dental School in Richmond.

DR. PAUL R. SHAFFER continued his work in northern Illinois working on Pleistocene stratigraphic problems for a part of the summer. Dr. and Mrs. Shaffer attended the GSA meetings in New Orleans in November.

DR. HAROLD R. WANLESS spent most of the summer in Urbana working on reports. He, Mrs. Wanless and Hal spent their vacation in Wisconsin "roughing" it.

Doctor Wanless was chosen as a Distinguished Lecturer by the AAPG and made a tour of 14 states during February - the "worstest blizzards imaginable" greeted him along the way. He saw and visited with many former Illinois students and staff members.

At Tulsa, Dr. A. N. Murray, Ph.D. '28, head of the department at the University of Tulsa, invited him for dinner, along with M. E. Hopkins who has completed most of his work for the doctorate under Dr. Wanless. Dr. Wanless saw and visited with Melville Fuller, Ernie Glick, Ed Benson, Morris Leighton, David Brierley, Oscar Wagner, Julian Altrogge and John Mortimer.

At Ardmore he had luncheon with Bill Pampe, Bill O Heran, Bob Brownfield, Milton Langer and later made a trip to Criner Hills with Dr. C. W. Tomlinson.

At Fort Worth he saw Mr. and Mrs. (Tim and Betty) Rall, Joe Alexander, Henry Raish and C. J. C Harvey.

At the Dallas Geological Society dinner he met Bill McCommons and Bob Fox. At the lecture he saw Mary McCommons, Ann Fox, Robert Cordell, Richard Weart, Douglas Collingwood; he had breakfast with Bob and Ann Fox, and Bill McCommons.

At Shreveport dinner were Don Polk, and Don Sprouse; he had a visit with Robert Rogers while in Shreveport.

Bob Honea and Charles Haworth met Dr. Wanless at the plane in Wichita Falls. He also met Mr. Forrest J. Miller who was here as a graduate student and teaching assistant in 1921.

Since Dr. Wanless missed his talk at Abilene, Ed Dillon and Robert Zinser attended his talk in San Angelo.

When he arrived in Midland, Max David met him at the plane and took him to a planned luncheon at the Petroleum Club for alumni, Don Franklin, Virgil Kennedy, Bill Caldwell, Robert Snyder, Walter Locker, and Ray Shubert.

At Stanford he saw Dr. Eliot Blackwelder and Don Miller.

At Salt Lake City he saw Jack Century, and Seymour Sharps of New Hampshire who attended our field camp in 1950 and Jack Scheuffler of Wayne University who attended the camp in 1951.

Martin Deuth of Denver had an afternoon at home for Dr. Wanless. Present were: Mr. and Mrs. Martin Deuth, Mr. and Mrs. Rex McGehee, Mr. and Mrs. William A. Newton, Mr. and Mrs. Melvin Irwin, Miss Jerry Bowers, Mr. and Mrs. Alan Bird, Dr. W. Farrin Hoover, Mr. and Mrs. Ed Tooker, Mr. G. Jordan Petsoff, Mr. and Mrs. John Shelton, Mr. and Mrs. Jim Bandy, and Mr. C. L. Rabe. At the lecture he saw Byrd Berman, and at the USGS office, Dr. Paul Sims.

Howard L. Patton, of Billings planned an Illinois-Michigan dinner and later introduced Dr. Wanless at the meeting. At the dinner were Bill and Charlene Dady, Mrs. Lester Clutter, Mr. and Mrs. Carlos Barkley, and Margaret "Penny" Pendleton. Don Robertson attended the lecture. Regrets were sent by Earl Cockrum and Joe Vercellino.

Maurice Smith was the only Illini Doctor Wanless saw at Bismarck; Terry Quirke the only Illini at Minneapolis, who attended the dinner given for him.

At Harvard, Doctor Wanless was introduced by Dr. Bernhard Kummel. He saw Bill Back at the talk; and Donald Chapman, who has been on our summer staff for several years, especially at field camp, came down from New Hampshire for the talk, as well as Dr. Bill Oliver who came from Brown University.

Dr. and Mrs. Arle Sutton, former staff member, attended the dinner for Dr. Wanless in Pittsburgh. At the dinner also was Dr. Clyde Thompson who did a minor in geology at Illinois, a major in ceramics.

At Notre Dame he was entertained in the home of Dr. Raymond Gutschick and Alice. Ray later introduced him at the lecture.

DR. GEORGE W. WHITE, gave two lectures last February at Bowling Green University, Ohio, on "Geology in the American Colonies" and "Recent Trends in Glacial Geology". His visit was sponsored by the science and mathematics division of the College of Liberal Arts.

Doctor White attended the sixth annual field conference of the Mid-West Friends of the Pleistocene in Iowa in May, 1955. About 130 geologists from 13 states and three foreign countries reviewed a two-year soil study made along the Rock Island Railroad's cutoff between Bentley, Iowa and Atlantic, Iowa. The purpose of the study was an

attempt to evaluate the influence of geomorphological processes in the genesis of soils. The Iowa Agricultural Experiment Station and the Iowa Geological Survey were the cooperating agencies.

In June, Doctor White was awarded the honorary degree of doctor of science at the annual commencement exercises of the University of New Hampshire, Durham. Doctor White, who was a staff member at New Hampshire from 1926 to 1941, organized the department of geology. He was, for several years, secretary of the graduate school there, and was acting dean of the school in 1940.

In October, Doctor White, gave the annual lecture on the William F. E. Gurley Foundation for Paleontology at Cornell University, Ithaca, New York - "Geology and Paleontology in the American Colonies, 1524-1784".

"Between semesters" Dr. and Mrs. White spent about 3 weeks in Paris, London, and Oxford the latter part of January and first of February, 1956. They reported enjoyable crossings on the Queen Mary and Queen Elizabeth. In England they encountered the coldest weather for 65 years, reaching as low as 14 degrees in London.

"ATOMIC AGE BRINGS NEW PROMINENCE TO T. T. QUIRKE"

Many of you will be interested in the following clipping taken from the Urbana Courier, August 15, 1955:

"Name of a distinguished University of Illinois geologist, left by a scientific colleague on a wilderness lake in Ontario, has been brought into new prominence by developments of the Atomic Age.

"The geologist, Prof. Terence T. Quirke, who died in 1947 at the age of 61, could not have foreseen more than 35 years ago the attention which some day would be focused upon Quirke Lake.

"A development approaching completion alongside this lake, Algom Quirke, is expected to be the second largest uranium mine in the world.

"Dr. Quirke's name was bestowed upon the then obscure lake about 1919 by a longtime associate, the late Dr. W. H. Collins, who later became director of the Geological Survey of Canada.

"The painstaking field work by these two men and others over many arduous summers in geological mapping and studies was a necessary forerunner in the rise of the fabulous Blind River uranium field - probably the world's richest.

"Between 1914 and 1932, Dr. Quirke and Dr. Collins traversed this area many times as part of a larger study encompassing the pre-Cambrian region from the Hudson Bay divide to the north shore of Lake Huron.

"Dr. Quirke, a skilled canoeist and enthusiastic woodsman, put behind him more than 5,000 canoe miles in those years.

"Out of this and earlier experiences, extending back to his boyhood days on the English seacoast came his book, Canoes the World Over, published after his death.

"This pre-Cambrian region of some 75,000 square miles in northeastern Ontario long has been of prime significance to geologists, not for its newly-found wealth of radioactive minerals, but because of what it tells of geologic history.

"Dr. Quirke mapped and studied the area for the dominion geological survey over almost 20 summers and his findings were told in 34 bulletins, maps, and articles in major geological journals.

"It is now apparent that billions of dollars in uranium lay under his feet in those days.

"But mineral claims were not in Dr. Quirke's province as a government-employed scientist, and in that era the uses for radioactive materials had not been foretold.

"Mention of the presence of such minerals is found, in incidental fashion, in some of the reports of the work of Dr. Quirke and Dr. Collins.

"Quirke Lake is a headline name these days in mining publications and was referred to extensively in a recently Life magazine account of the discoveries in the Blind River area.

"The lake lies about 20 miles northeast of the town of Blind River and slightly closer to Lake Lauzon where many U. of I. staff members maintain summer homes. . . .

"Recognition of the basic forerunner role which Dr. Quirke played is seen in recent comments on geological surveying by the Northern Miner, published in Toronto. .

"Dr. Quirke's studies, while not bringing him wealth, won him distinction in geological circles. He attended the International Geological Congresses in Belgium in 1922 and in Spain in 1926, presenting papers based on these Canadian researches. Scottish geologists, engaged in similar pre-Cambrian studies, sought his counsel."

LECTURES

CLARENCE L. MOODY, research consultant of Shreveport, Louisiana, spoke on January 13, 1955 on "Recent sediments and environments of deposition in the northern Gulf of Mexico". Doctor Moody was one of the speakers on the AAPG Distinguished Lecture tour for 1954-55.

WILLIAM H. EASTON, professor of Geology, University of Southern California, Los Angeles, spoke on March 24, 1955 on "Carboniferous formations and faunas of central Montana". Doctor Easton was also one of the speakers on the AAPG Distinguished Lecture tour for 1954-55. Doctor Easton was assistant geologist on the Illinois Geological Survey staff 1940-46.

ALLAN F. WILSON, of the University of Western Australia, spoke at our Colloquium on April 4, 1955 on "The Charnockite Problem". Professor Wilson was Visiting Professor of Geology at Indiana University during the spring semester.

EDWIN D. MCKEE, head of the Paleotectonic Mapping Program of the USGS and former head of the department of geology at the University of Arizona, spoke on April 19, 1955 on "Studies of recent limestone deposits in the South Pacific and primary sedimentary structures".

GEORGE GAYLORD SIMPSON, chairman of the department of geology and paleontology of the American Museum of Natural History, New York, spoke on November 1, 1955 on "The Origin of Species, 1859-1955". The lecture was sponsored by the Division of Biological Sciences Lecture Series.

WALTER D. KELLER, professor of geology at the University of Missouri spoke on December 7 on "Clay Minerals". Doctor Keller was one of the speakers on the AAPG Distinguished Lecture tour for 1955-56.

HOWARD A. MEYERHOFF, scientific administrator and economic geologist, spoke on November 30 on "Antillean Tectonics". Doctor Meyerhoff received his bachelor's degree from the University of Illinois in 1920 and his Ph.D. from Columbia in 1935. The lecture was sponsored by the department of geology.

As you know, Doctor Wanless was one of the speakers on the AAPG Distinguished Lecture tour for 1955-56 but due to the great demand Urbana was not included in his tour. Doctor Wanless graciously agreed to give the talk in Urbana so his students and colleagues could benefit from his experience, and he therefore repeated his talk "Problems of the Pennsylvanian of the United States" on March 20 in 228 Natural History Building. A dinner at the Urbana-Lincoln Hotel was held for Doctor Wanless before his talk.

MEETINGS ATTENDED

American Association of Petroleum Geologists

The annual meeting of the association was held March 28-31, 1955 in New York. A field trip, sponsored by the Pittsburgh Geological Society, along the Pennsylvania Turnpike preceded the meetings. Doctors Rhodes and Merrill took part in the field trip.

Alumni presenting papers on the program were:

GEORGE V. COHEE, BS '31, MS '32, Ph.D. '37 (and other): "Oil in the Michigan Basin".
KENNETH O. EMERY, BS '37, MS '39, Ph.D. '41: "Offshore California Basins".
FRANCIS P. SHEPARD, (staff, '22-'45): "Barrier Island Sedimentary Units Along the Gulf Coast".
FRANK L. STAPLIN, Ph.D. '53, (with others): Mississippian Plant Spores From the Hardinsburg Formation of Illinois and Kentucky".
PHILIP P. WOLCOTT, AB '35, MS '36 (and others): Habitat of Oil in the Maracaibo Basin, Venezuela".
DORIS E. NODINE ZELLER, AB '46: "Endothyroid Foraminiferal Faunas From the Lower Carboniferous of England and Algeria".
EDWARD J. ZELLER, AB '46: "Endothyroid Zonation in the Mississippian of the Rocky Mountains".

The annual meeting for 1956 will be held in Chicago in April.

The Alumni luncheon of the department was under the leadership of Dr. William M. Merrill who has been with the department since the summer of 1950. Alumni in attendance at the luncheon were:

Franklin Andrews
Donald L. Ballmann
F. W. Booker
Alex S. Broun
Donald W. Carpenter
C. B. Claypool
George V. Cohee
Robert J. Cordell
Howard Cramer
Norbert Cygan
Max David
Frank W. DeWolf
Martin J. Deuth
John C. Frye
Castle Harvey
John C. Hathaway
Charles Hoke
Milton Langer
M. M. Leighton
John Lester
Murray Levish
W. M. Merrill
William A. Newton
Frank C. Osment
Carl F. Pampe
Frank H. T. Rhodes
Henry N. Toler
C. W. Tomlinson
Oscar E. Wagner
Lester Whiting
Lee Williamson
Harold R. Wanless
Warren Woltman

Geological Society of America

The annual meeting of the association was held November 7-9, 1955 in New Orleans. Doctor Carozzi, our visiting professor from Switzerland, attended the pre-meeting Appalachian field trip before attending the meetings in New Orleans. Alumni who participated in the program were:

RICHARD S. BOARDMAN, BS '48; MS '52, Ph.D. '55: "Morphologic Variation in Zoaria of Some Trepostomatous Bryozoa".

ALBERT CAROZZI (visiting assistant professor, 1955-56): "Intraformational Conglomerate by Mixed Sedimentation in the Upper Cretaceous of the Roc-de Chere Chains of High Savoy (France)".

CARLETON A. CHAPMAN (staff, 1937-): "Pillow Breccia and Its Significance, Mt. Desert Island, Maine".

GEORGE V. COHEE, BS '31, MS '32, Ph.D. '37: "General Education in Retrospect" in connection with Symposium on Impact of General Education on the Curriculum in Geology.

FRED CROPP, (grad. student '54-), R. M. Kosanke, and H. R. Wanless: "Pennsylvanian Rocks and Spore Floras from the Subsurface Warrior Basin, Mississippi".

DON U. DEERE (staff '55-), and T. H. Thornburn: "Soil-mechanics Properties of Weathered Volcanic Rocks in Hawaii" and "Engineering Problems Associated with Weathered Limestone".

RHODES W. FAIRBRIDGE (visiting professor, '53-54): "Geotectonic Significance of the Continental Shelves".

JOHN A. HARRISON, MS '48: "Petrographic Components and Stoker Coal Testing".

HAYDN H. MURRAY, BS '48, MS '50, Ph.D. '51, and other: "Mineral Composition on and Adjacent to a Seamount in Sigsbee Deep".

BRUCE W. NELSON, Ph.D. '55: "Mineralogy of the Bedford Formation and Related Rocks in Northern Ohio".

MARGARET A. PARKER, MS '53: "Computation of Chemical Analyses of Coal Speeded by Use of IBM Punched Cards".

J. M. SCHOPF, MS '32, Ph.D. '37, and other: "Concept, Technique, and Language in Coal Petrology".

LEONARD G. SCHULTZ, MS '52, Ph.D. '54: "Petrology of Underclays".

HOWARD SCHWALB, BS '49, and other: "North American Paleozoic Chitinozoa".

ROBERT P. SHARP (staff, '38-44): "Germorphology of Cima Dome, Mojave Desert, California".

FRANCIS P. SHEPARD (staff, '22-45), and other: "Submarine Canyons of the French Mediterranean".

PAUL K. SIMS, AB '40, MS '42 (Ph.D. '50, Princeton): "Paragenesis and Structure of Pitchblende-Bearing Veins, Central City District, Gilpin County, Colorado".

HAROLD R. WANLESS, (staff, '23-): "Pennsylvanian Rocks of Arizona and Bordering Areas".

The California Company field trip to their offshore operations during the GSA meetings was thoroughly enjoyed by the staff members who were able to attend.

The alumni luncheon was well attended. Mr. Perry S. McClure, BS '29, now with Shell Oil Company, served as Master of Ceremonies. At the speaker's table along with Mr. McClure were former heads of the department, Eliot Blackwelder ('16-19), Frank W. DeWolf ('31-46), the present head, George W. White ('47-) and our senior professor, Harold R. Wanless, who served as chairman of the departmental committee ('46-47). Doctor Wanless introduced the alumni in attendance:

Frank Andrews
Eliot Blackwelder
Donald L. Biggs
W. F. Bradley
Albert Carozzi
Margaret Boos
C. Maynard Boos
Arnold L. Brokaw
Carleton A. Chapman
George V. Cohee
R. J. Cordell
Norbert E. Cygan
R. C. Campbell
Fred Cropp
Frank W. DeWolf
Mrs. Frank W. DeWolf
Don U Deere
Rhodes W Fairbridge
John C Frye
Ralph E. Grim
Carl L. Grubb
Chun-Sun Ho
A F Hagner
D. M. Henderson
W. D. Johns
E. C. Jonas
R. M Kosanke
Paul R Karrow
Phillip J. Lane
Jennifer Lucas
Arnold C. Mason
Perry S McClure
Jurg W. Meyer
C. Fred Major
Haydn H. Murray
F. K. Moyer
W. M. Merrill
Dipanker Niyogi
Bruce W. Nelson
Peggy Parker
R. S. Poor
Frank H. T. Rhodes
Richards A. Rowland
James M. Schopf
H. W. Scott
Jack A. Simon
Paul K Sims
Dolores Sims
Leonard G. Schultz
Hildy Schultz
Paul R. Shaffer
D. D Utterback
Beverly Weeks
W. F. Weeks
E. L. Weinberg
George M. Wilson
John R. Williams
G. W. White
J. D Winslow
W. Arthur White
H. B. Willman
Warren Woltman

TRI-STATE GEOLOGICAL FIELD CONFERENCE

The tri-state field conference was held last October 15-16 with headquarters at Canton, Illinois. Doctor Wanless was in charge of the conference. About 275 geologists from eight states attended. There were 7 stops with total driving distance of 99 miles in the Havana, Canton, Glasford and Avon quadrangles. It was reported "a very successful field conference". Some of you may get a chuckle out of the following incidents: "After having gained permission in advance of the conference from a local farmer to allow visitation to a significant outcrop on his farm he tried to assess each person 50¢ for the privilege when they arrived at his 'locked' gate; needless to say they did not bother him." And another, a lady motorist, not connected with the conference, was very unhappy when she discovered herself at a mine entrance after following the caravan of 75-100 cars for several miles on what she thought was a "detour".

FIELD CAMP

Since 1950 our field camp has been conducted from the campus of Fort Lewis A. & M. College, Hesperus, Colorado. Last year our field camp operations were moved to Sheridan, Wyoming, under the leadership of Dr. James H. Fisher. Other staff members were Dr. Frank Rhodes, Dr. Michael Carr, Mr. Norbert Cygan, Mr. Roger Wilson and Mr. Curtis Ault. Thirty-four students, plus staff, made up the personnel of the camp.

Rock sections on the east side of the Big Horn mountains from the Montana line south to Salt Creek were studied.

Illinois is the first geological field summer school ever held in that part of Wyoming, and was held in cooperation with Northern Wyoming Community College. Students were housed in veterans' housing units and the staff were housed in Northern Wyoming Community College housing. Meals were provided in the college cafeteria.

The latter part of July a week was spent in Yellowstone, the Tetons and Wind River range.

GRADUATE STUDENTS IN GEOLOGY, 1955-56

Bachelor's degrees

1	Arizona
1	Beloit
3	Berea
1	Bowling Green
2	Brown
1	Centenary
1	Columbia
1	Cornell College
1	Dartmouth
1	DePauw
17	Illinois
1	Iowa State
2	Kent State
1	Lamar
1	Lawrence
1	Macalester
1	Mandalay
1	Manitoba
1	Marietta
1	Marshall
1	Miami
1	Mississippi
2	Missouri
1	Nat. Univ. China
2	New Hampshire
1	North Dakota
1	Ohio
2	Ohio Wesleyan
1	Oregon State
1	Oxford
1	Philippines, Univ. of
2	Pittsburgh
2	Princeton
1	Queen's Univ.
1	Rajshahi
1	Rochester
6	St. Joseph's
1	South Carolina
1	Southern Illinois Univ.
1	Texas
1	Whittier
2	Wisconsin
1	Wooster
1	Wyoming
1	Zurich

Master's degrees

2	Arizona	1	Louisiana State
2	Calcutta	2	Miami
1	Columbia	1	Minnesota
8	Illinois	2	Missouri
1	Indiana	1	Washington State
1	Iowa State	1	Wisconsin
1	Kansas	1	Wyoming

States Represented

Alabama
California
Colorado
Florida
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Minnesota
Mississippi
Missouri
Nevada
New Hampshire
New Mexico
New York
North Dakota
Ohio
Pennsylvania
Texas
Vermont
Virginia
West Virginia
Wisconsin
Wyoming

Burma
Canada (2 different provinces)
China
England
France
India
Philippines
Switzerland

67 graduate students from 51 different colleges and universities, 26 states and 8 foreign countries.

DEGREES AWARDED 1955

February 1955

BA/BS

Chamblin, William Jack
Dunn, Darrel Eugene
Jahn, Paul F., Jr.
Wilson, Roger Lenox

MS

Howard, Richard Henry
Levish, Murray
Offield, Terry Watson
Rioux, Robert Lester
Spencer, Charles Winthrop
Wafer, James Oscar
Ziebell, Warren Gilbert

Ph. D.

Patterson, Sam Hunting, Jr.

June 1955

BA/BS

Andresen, Marvin J.
Andrews, Franklin
Ballmann, Donald L.
Broun, Alex S.
Casler, Harry G.
Clawson, Paul N.
Glenn, Sidney E., Jr.
Huxel, Charles J., Jr.
Lynch, Thomas W.
McGregor, Jackie D.
Patterson, Dale D.
Scott, Alan J.
Slesers, Agris
Weidner, Melvin I.
Woltman, Warren C.

MS

Brown, George D., Jr.
Brownfield, Robert L.
Collins, Lorence G.
Dickie, George A.
Dyni, John Richard
Lucas, Margaret Jennifer
Miller, William F.
Mueller, Joseph C.
Sitler, Robert F.
Winar, Richard M.
Ziemba, Eugene A.

Ph.D.

Boardman, Richard S.
Collins, Barbara Schenck
Mason, Arnold C.
Nelson, Bruce W.
Shepps, Vincent C.
White, William A.

August 1955

BA/BS

Kaysser, Donald R.
Mink, Ronald D.

MS

Myers, Robert E.
Stevenson, Wilbur L.
Susong, Bruce I.

October 1955

MS

Langer, Milton F.
Randall, Allan D.

Ph.D.

Benson, Richard H.
Gadd, Nelson R.

PH.D. THESES, 1955

BENSON, RICHARD HALL, BS (Marshall College) 1951; MS 1953; Ph.D. October 1955: The Ecology of the Recent Ostracods of the Todes Santos Bay Region, Baja, California, Mexico (Rhodes)

BOARDMAN, RICHARD STANTON, BS 1948; MS 1952; Ph.D. June 1955: The Trepostomatous Bryozoa of the Hamilton Group of New York State (Wanless)

COLLINS, BARBARA SCHENCK, BS (Bates) 1951; MA (Smith) 1953; Ph.D. June 1955: Textural and Morphological Studies of Some Clay Minerals (Grim)

GADD, NELSON RAYMOND, B.Sc. (University of Western Ontario) 1946; M.Sc. (Universite Laval) 1948; Ph.D. October 1955: Pleistocene Geology of the Becancour Map-Area, Quebec (White)

MASON, ARNOLD CAVERLY. BS (Yale University) 1928; MS 1954; Ph.D. June 1955: Geology of the Limestone Islands, Palau, Western Caroline Islands (Wanless)

NELSON, BRUCE WARREN, AB (Harvard College) 1951; MS (Penn State University) 1954; Ph.D. June 1955: Mineralogy and Stratigraphy of the Pre-Berea Sedimentary Rocks Exposed in Northern Ohio (Grim)

PATTERSON, SAM HUNTING, JR., BS (Coe College) 1940; MS (State University of Iowa) 1947; Ph.D. February 1955: Geology of the Northern Black Hills Bentonite Mining District (Grim)

SHEPPS, VINCENT CHESTER, BS (Franklin and Marshall) 1950; MS 1952; Ph.D. June 1955: The Glacial Geology of a Part of Northwestern Pennsylvania (White)

WHITE, WILLIAM ARTHUR, BS 1940; MS 1947; Ph.D. June 1955: Water Sorption Properties of Homoionic Clay Minerals (Grim)

M.S. THESES, 1955

BROWN, GEORGE DONALD, JR., BS (St. Joseph's College) 1953; MS June 1955: Some Upper Cretaceous Foraminifera of Northern Mississippi and Southern Tennessee (Rhodes)

BROWNFIELD, ROBERT LEE, AB (St. Mary's College) 1942; BS (St. Louis University) 1950; MS June 1955: The Structural History of the Centralia Area, Illinois (Hough)

COLLINS, LORENCE GENE, BS 1953; MS June 1955: Refractive Index Studies of Magnetite-Bearing Pyroxene Amphibolites, Scott Mine, Sterling Lake, New York (Hagner)

DICKIE, GEORGE ALLAN, BS (Kent State University) 1953; MS June 1955: Subsurface Studies of the Clore Formation, White County, Illinois (Wanless)

DYNI, JOHN RICHARD, BS (Wayne University) 1953; MS June 1955: Post-Depositional History of the Cypress Sandstone Near Golconda, Illinois (Chapman)

HOWARD, RICHARD HENRY, AB (Colgate University) 1952; MS February 1955: Variations in Cordierite Composition, Laramie Range, Albany County, Wyoming (Hagner)

LANGER, MILTON FRIEDRICH, AB 1951; MS October 1955: Subsurface Study of the Beech Creek "Barlow" Limestone in South-Central Illinois (Shaffer)

LEVISH, MURRAY. BA (New York University) 1952; MS February 1955: Stratigraphic Correlation of Some Pennsylvania Limestones by Thin Section (Wanless)

LUCAS, MARGARET JENNIFER BA (Oxford University) 1954; MS June 1955: The Non-Marine Pelecypods of the Canso Group of the Carboniferous of Nova Scotia (Wanless)

MILLER, WILLIAM FRANK, AB (University of Dayton) 1951; BS (St. Joseph's College) 1954; MS June 1955: Pennsylvanian Stratigraphy of Western Kansas (Wanless)

MUELLER, JOSEPH CHARLES, BS 1954; MS June 1955: Differential compaction Study of Pennsylvanian Channel Sandstones in Jefferson County, Illinois (Wanless)

MYERS, ROBERT ERROL, BS (DePauw) 1953; MS August 1955: Fusulinid fauna from Rhodes Canyon, San Andres Range, Socorro County, New Mexico (Wanless)

OFFIELD, TERRY WATSON, BS (Virginia Polytechnic Institute) 1953; MS February 1955: Mineralogic Variation in Quartz Monzonite Gneiss, Sterling Lake, New York (Hagner)

RANDALL, ALLAN DOW, BA (University of Connecticut) 1953; MS October 1955: Glacial Geology and Groundwater Possibilities in Southern LaSalle and Eastern Putnam Counties, Illinois (White)

RIOUX, ROBERT LESTER, BA (University of New Hampshire) 1953; MS February 1955: A Study of Topography on a Granitic Terrain (Chapman)

SITLER, ROBERT FRANCIS, BS (University of Pittsburgh) 1953; MS June 1955: Petrography of the Wisconsin Tills of Northeastern Ohio and Northwestern Pennsylvania (White and Chapman)

SPENCER, CHARLES WINTHROP, AB (Colby College) 1953; MS February 1955: A Petrographic Study of the Underclay of the Number 6 coal in Illinois (Grim)

STEVENSON, WILBUR LLOYD, BS 1952; MS August 1955: Pennsylvanian Conodonts of Illinois (Rhodes)

SUSONG, BRUCE IRVIN, AB (Miami University) 1954; MS August 1955: Subsurface Studies of Pennsylvanian Sandstones on the Western Side of the Illinois Basin (Wanless)

WAFER, JAMES OSCAR, BS February 1954; MS February 1955: An Electric Log Study of Structure, Thickness and Permeability of the Aux Vases Formation, Mt. Vernon, Illinois area (Shaffer)

WINAR, RICHARD MARION, BS 1953; MS June 1955: The Stratigraphy of the Molas Formation of Southwestern Colorado (Merrill)

ZIEBELL, WARREN GILBERT, BS 1951; MS February 1955: Interpretation of Pennsylvanian Sedimentation from Textural Studies of Strata at Superior, Arizona (Wanless)

ZIEMBA, EUGENE ANTHONY, BS (St. Joseph's College) 1953; MS June 1955: Micorfacies Studies of the Platteville Group (Wanless)

MARRIAGES REPORTED TO US

MARVIN J. ANDRESEN and PAT KILLEY, 9-3-55
ALLEN BRAUMILLER and PATSY LOIS MCCOY, 12-23-55
LORENCE GENE COLLINS and BARBARA SCHENCK, 2-26-55
FRED CROPP and HELEN TOWNSEND, 6-18-55
JOHN ECCLES and PRISCILLA JACOBS, 4-8-55
RICHARD HARDY and ROZELLA HAMMEL, 8-20-55
FRIEDRICH LIPPMANN and CHRISTA BERGER, 11-12-55
BRUCE SUSONG and LINDA WOODS, 7-9-55
LEE FOSTER WILLIAMSON and JOYCE ANNE VERGASON, 12-27-54
BOB ZIRKLE and JUDITH STILLMAN, 11-5-55

BIRTHS

HEATHER LEE, daughter of Allen and Frances Agnew, 9-3-55
JOHN ANDREW, son of Margaret (Hayes) and George Bargh, 1-9-55
MARY JO, daughter of Margaret (Hayes) and George Bargh, 2-2-56
SUE ANN, daughter of Bruce and Barbara Bohor, 6-16-55
JOHN MARK, son of Henry and Wilda Brown, 9-6-55
DEBORAH daughter of Tom and Mildred Buschbach, 2-24-55
JAMES PATRICK, son of Pat and Grace Byrne, 5-17-55
LAWRENCE EDWARD, son of John and Evelyn Carlson, 12-16-55
MICHAEL LOUIS, son of Jack and Marcia Century, 7-24-55
KIMBERLY, daughter of Mr. and Mrs. Jack Chamblin, 12-55
DANA WINGATE, daughter of James and Ann Cleary, 2-2-56
JOHN VAL, son of James and Barbara Dean, 9-26-55
JANET LEE, daughter of Ed and Charlene Dillon, 6-24-55
JOHN ANDERSON, son of John and Mary Droste, 2-15-55
CHRISTOPHER SELDEN, son of Mr. and Mrs. Charles Goldman, 9-7-55
ALISA ANN, daughter of Bob and Diane Grinnell, 9-7-55
BRADFORD, son of Mr. and Mrs. Charles Hardie, 5-30-55
JUDITH, daughter of Don and Peggy Henderson, 1-28-56
NANCY LOU, daughter of Bonnie and Dick Hollandbeck, 3-4-55
ROBERT ERIK ROSS, son of Lorrie and Bertil Holmin, 3-24-55
BRIAN, son of Elaine and Erle Huse, 12-55
ROSALIND CARLA, daughter of Mr. and Mrs. Bill Irvin, 1-8-55
CAROL LYNN, daughter of Ann and Edwin Johannes, 9-9-55
DAVID son of Bill and Mariana Johns, 1-28-56

ERIC, son of Elaine and Louie Knudsen, 1955

ROBERT DAVID, son of Muriel and Paul Kratz, 3-8-55

ROBERT CHAPIN, son of Mr. and Mrs. E. L. MacVeigh, 4-15-55

CAREN, daughter of Dan and Betty Melrose, 1955

ERICA RUTH, daughter of Jurg and Marcella Meyer, 1-8-56

PAUL HOWARD, son of Ward and Dona Motts, 12-1-55

DAVID STEWART, son of Ernie and Wanda Muller, 6-2-55

EUGENE DAVID, son of Bill and Jewell Pampe, 11-15-55

KAREN RAE, daughter of Jerry and Jacqueline Patterson, 4-30-55

KATHERINE ELIZABETH, daughter of Frank and Rosa Rhodes, 1-15-56

ROBERT, son of Mary and John Rolley, 4-23-55

STANLEY ALLEN, son of Mr. and Mrs. Robert Roth, 9-29-55

JAY HOOVER, son of Janet and Jim Sewell, 4-1-55

ROBERT KENNETH, son of Bob and Ruth Sitler, 4-12-55

MAURA, daughter of Mr. and Mrs. John Shelton, 1-19-55

DONALD GALLAHER, son of Mr. and Mrs. Donald Sprouse, 4-4-55

JUDITH ANN, daughter of Jack and Catherine Threet, 8-26-55

NANCY, daughter of Dick and Dorothy Threet, 1955

JEAN, daughter of Ed and Polly Tooker, 3-25-55

ROBERT LOUIS, son of Louie and Lois Unfer, 2-13-56

DAVID ALBERT, son of Jake and Florence VanDenBerg, 6-24-55

TIMOTHY MICHAEL, son of Mike and Dorothy Wahl, 3-19-56

ADOLPH IV, son of Adolph and Peggy Walter, 3-17-55

MICHAEL LEE, son of Lee and Joyce Williamson, 11-8-55

DECEASED

James E. Hallowell, August 1, 1955

Mr. Hallowell received his bachelor's degree in February 1951. After graduation he was with the C. J. Simpson Company of Mattoon, Illinois, but more recently was with Dean and Hallowell, consulting geologists in Carmi, Illinois. His home was in Charleston, Illinois.

C. Leland Horberg, August 18, 1955

Doctor Horberg graduated from Augustana College in 1932. He did post-graduate work at the University of Chicago where he received his doctor's degree in 1938. In September, 1938 he was appointed Instructor in Geology at Illinois where he advanced to Associate in 1941. In February of 1942 he resigned to accept a position with the State Geological Survey. From 1942 to 1946 he took part in the research program of the Survey which resulted in the discovery of the pre-glacial Mahomet Valley drainage system from which Champaign-Urbana gets its water supply, in the mapping and interpretation of the buried bedrock topography beneath the glacial deposits, and in the differentiation of the glacial sediments beneath the Wisconsin drift in the northeastern one-third of Illinois.

In 1946, Doctor Horberg assumed a combined teaching and research career at the University of Chicago where he was both a professor of geology and editor of the Journal of Geology.

Altho Doctor Horberg was suffering from cancer during his final illness, he completed 4 scientific manuscripts, one of which was on the Pleistocene geology of the west-central border of Illinois.

I feel that the comment of Doctor Leighton, Chief Emeritus of the Illinois Survey, protrays the belief of all who knew Doctor Horberg: "He was a brilliant, devoted, and modest man. He took pleasure in the training of young men and was one of our strongest characters in the geological profession. His early death will be widely regretted".

Dean C. Severance, November 13, 1954

Mr. Severance received his bachelor's degree in 1923 from the University. At the time of his death he was President, Lee Deane Products, Inc., a plastic moulding company. During his lifetime he was active in Plastic Society and Industry State and National. He died suddenly on November 13. He left his wife, Jeannie Patton Severance, UI '22, a daughter, Mrs. J. L. Rodgers and two grandchildren. Mrs. Severance lives at 1708 E. 61st St., Los Angeles 1, California.

ABBOTT, HELEN OLDFATHER, AB '27, MA '33 (Psychology), 159 W. Jeffrey Place, Columbus 14, Ohio. Her husband, Kenneth M. Abbott, is professor of classical languages at Ohio State University. They have 3 children, William R., a junior at Kenyon College; Ann, a freshman at Wellesley, and Douglas, at Columbus Academy.

ACKER, CLEM, BS '56 is assistant at Illinois Geological Survey, Urbana, Illinois.

ADAMS, BUDD B., (BA '51 Chicago), BS '53 is research assistant and graduate student at the University of Wisconsin. He is married and they have one child, a girl of 3 months. He hopes to receive the Ph.D. in geophysics in about a year. Res: 807 Clymer Place, Madison.

ADAMS, FRANKLIN D. BS '50 is petroleum consultant in geology and production, Waltonville Road, Mt. Vernon, Illinois.

AGNEW, ALLEN F. AB '40, MS '42, (Ph.D. '49 Stanford), Box 385, Vermillion, S. Dak. Allen is associate professor of geology at the University of South Dakota. Allen and Frances have 4 children. Heather Lee born Sept. 3, 1955; Bruce (7), Larry (6) and Leslie (3). The Agnews have a large country home and the latch string is out to their many friends.

ALEXANDER, JOE W., BS '41, MS '42 is research geologist with Cities Service Oil Co., 1102 Ft. Worth National Bank Bldg., Fort Worth, Texas.

ALLEN, FRANCIS W., BS '54 is 2nd Lt. with the U.S. Army at Fort Bliss, Texas. Res: 4036 Sedalia, El Paso, Texas.

ALLEN, WILLIAM H., BA '36, MS '37 is division exploration manager with Shell Oil Co., Box 845, Roswell, New Mexico. Res: 1807 Capitan Ave. The Allens recently spent 4 months in Holland.

ALLER, ALAN, BS '51, 4157 Clarendon, Chicago, Illinois.

ALLEXAN, JOHN R., BS '49. 5981 Chatsworth Ave., Detroit, Michigan.

ALLYN, PORTIA, ex'38 (See: Mrs. George E. Smith).

ALTROGGE, JULIAN J., AB '49 is chief geologist with Royal Oil and Gas Corporation, 902 Petroleum Building, Tulsa 3, Oklahoma. The symbol used on the Royal Oil and Gas Corporation letterheads, trucks, cars, signs and oil equipment was designed by Mr. Altrogge. Congratulations! It is very attractive and eye-catching. Julian was formerly with the Texas Company; more recently a consulting geologist. The Altrogges have bought a new house at 4185 E. 46th Street, Tulsa 5, Oklahoma and request friends passing thru Tulsa to pay them a visit. They have 3 children, Mark (5), Jan (3) and John (1).

AMES, JOHN A., (BA '41, Denver), MS '50, is industrial geologist with the Baltimore and Ohio Railroad, 1104 B. & O. Bldg., Baltimore, Maryland. Jack and Virginia have 2 children, Carolyn Ann and Carl. Residence: Pines-On-Severn, Box 84, Rt. 2, Arnold, Maryland.

AMOS, DEWEY H., (BS '49 Marietta College), MA'50, is instructor at Southern Illinois University, Carbondale, Illinois. Dewey was formerly with the USGS, Mineral Deposits Branch. He is married and they have one daughter, Susan (4).

ANDERSON, GERALD K., BS '49, (MS '50, Texas Tech.) is geologist with The Ohio Oil Company, 770 Milner Building, Jackson 1, Mississippi.

ANDERSON, ROY E., (BS '54 Marietta), UI grad. student, '54, is with Geophysical Service, Inc., 2716 Burbank Street, Dallas, Texas.

ANDERSON, SUMNER M., (ex '25), address unknown.

ANDRESEN, MARVIN J., BS '55, is a graduate student in the department and research assistant at the Illinois Geological Survey. He passed the German exam. in his first month of residence. He and Miss Pat Killey were married 9-3-55. They live at 308 W. High St., Urbana.

ANDREWS, FRANKLIN, BS '55 is a graduate student and assistant at Florida State University, Tallahassee, Florida.

ARMS, HENRY W., (AB '49 Berea College), grad. student '49-51, is geologist with the Atlantic Refining Company, Box 520, Casper, Wyoming. Henry transferred from position of job analyst at Dallas, Texas to Wyoming in August, 1955. Residence: 828 Sally Lane, Casper, Wyoming. They have 2 children.

AULT, CURTIS H., (BS '54 Kent), MS '56 is with Carter Oil Company, Box 72, Carmi, Illinois.

BACK, WILLIAM, AB '48, (MA '55 Calif.), with the USGS as geologist in the Ground-Water Division, received a $3000 Ford Foundation fellowship to study conservation of the renewable natural resources at Harvard University last fall. After receiving his bachelor's degree, Bill spent a year in graduate study at the University of Colorado, 1948-49. In October, 1955 he went on a New England intercollegiate field trip to Lake Champlain Region to see the glacial geology. He reported that the University of Illinois was well represented by Ernie Muller, Ed Simpson, Bill Bierschenk and Allen Randall. Bill gave me news of Colene Woodmency Bauer, BS '51, Raymond Lee Irwin, BS '49, and others. Bill and his wife had a most enjoyable vacation touring Europe last summer. Address: 206A Holden Green, Cambridge, Mass.

BAIRD, DONALD W., (AB '50 Monmouth), MS '56, is geologist with the Ohio Oil Company at Terre Haute, Indiana. The Bairds have 2 boys, 10 months and 4 1/2 years. Address: 650 Cherry St., Terre Haute.

BAKER, RAY G., BS '52 is a major in the armed forces. Latest address was Hq. Hq., 51st A.B. Gp., APO 570, c/o PM, San Francisco, Calif.

BALDWIN, DONALD C., BS '49, MS '51 was with The Texas Company in Midland, Texas, before being recalled into the air force in 1953. He is a Captain in the U.S. Air Force, B-36 pilot. Address: 7204 Offutt Circle, Biggs AFB, Texas.

BALLMANN, DONALD L., (AB '54 St. Joseph's), BS '55, is working toward his master's and doctorate degrees at the University and is serving as part-time teaching assistant this term. He spent the summer working in New Mexico, collecting data for his master's thesis.

BANDY, JAMES C., (AB '49, Berea), AM '50, 2412 Otis Street, Denver 15, Colorado. Jim was formerly with Stanolind Oil and Gas Company, but in August 1955 he became affiliated with Southern Texas Development Company as geologist. He married Cordelia Slusher in 1950.

BARDELL, PHILIP W., BS '50, RR 1, Freeport, Illinois. He spent 4 years in the navy as weatherman. He received his discharge about a year ago and is now engaged in farming with his father in Stephenson County near Freeport.

BARGH, MRS. GEORGE H., will be remembered as Margaret Ann Hayes, BS '49. She and her husband, who is assistant dean of Foreign students here, live at 806 S. Lynn, Champaign. They have 2 children, John Andrew and Mary Jo.

BARKLEY, CARLOS J., BS '48 was with Shell Oil Company in New Mexico, Louisiana, and Texas. Address unknown at present.

BARNARD, EVYN G., BS '44, 721 W. Osage, Normal, Illinois.

BARNES, MARY (BS '42 Kentucky), MS '48 (See: Mrs. John W. Rolley)

BARRETT, DARWIN S., BS '48, 712 So. Ashland, Chicago 12, Illinois.

BARRETT, JOHN F., (BS '34 Beloit), MS '35 is with the Talon Petroleum Company, Apt. 232, Maracaibo, Venezuela, S.A.

BARTON, CHARLES A., (BS '49, Millsaps), MS '52 is geologist with Skelly Oil Company, Box 1077, Jackson, Mississippi.

BASSETT, CHARLES F., (BS '22, Cornell), AM '24, (Ph.D. '33 Michigan) is zone geologist, Kansas Eastern Zone, Gulf Oil Corporation. He was transferred in October 1955 from Pittsburgh, Pa., where he had been regional geologist for 12 years. Address: PO Box 2233, Wichita 1, Kansas.

BAUER, CHARLES B., BS '41, MS '46, Box 72, Carmi, Illinois, is district geologist for the Carter Oil Company.

BAUER, MRS. ROBERT H., (Colene Woodmency) BS '51, 241 Southampton Drive, Silver Spring, Maryland), is ground-water geologist with the USGS, Ground-Water Branch. The Office of Overseas Program in which Colene is working sends ground-water geologists and engineers to foreign countries under the Technical Assistance Program and trains foreign nationals in that field in the U.S.

BAXTER, PVT. JAMES W., (BS '50, MS '52 U. of Ark.), UI grad '52-54 passed his prelims for the doctorage degree in October '54. Mr. Baxter was called to Service and is stationed at Fort McClelland, Alabama. He is in the 21st Chemical Co. (Decon). He hopes to return to finish his requirements for the Ph.D. in October 1956.

BAYSINGER, EUGENE M., (BS '33, So. Ill. Univ.), UI grad. student '34-36, is consulting geologist and located at 311 Maritime Building, New Orleans 12, Louisiana.

BEAN, BERYL K., AB '30, MS '38, Gulf Refining Company, Box 774 Evansville, Indiana.

BEAN, WALTER G., BS '51, 2949 McClellan Street, Apt. 3-B, Detroit, Michigan.

BEARD, CHARLES NOBLE, (AB '35, AM '36 Indiana), Ph.D. '41, is professor of geology at Fresno State College, Fresno, California. His wife, Mary C. and 10-year old son accompanied him to Europe on sabbatical leave, Feb. 1-Sept. 1, 1955. Professor Beard did research on columnar jointing, tumuli, and pressure ridges while in Europe.

BEIMFOHR, OLIVER W., BS '40 (MS '41, Vanderbilt; Ph.D. '52, Ohio State), is associate professor of geography at Southern Illinois University, Carbondale, Illinois.

BELL, A. LYNDON "RUSTY", BS '36 is manager of Exploration Operations for International Petroleum Company, Ltd., of Lima, Peru. They have two sons, Lyndon, Jr. and Carl. After graduating from Western Military Academy of Alton, Illinois, Lyndon, Jr. entered the University of Illinois last September. His brother, Carl, is a student at Western at the present time.

BENDINER, BERNARD, BS '51 is self-employed in the wholesale jewelry business. 4444 N. Damen, Chicago, Illinois. He and Dolores have a 15-month old daughter named Jane

BENNETT, DONALD C., BS '31 is with Intercity Box Company of Freeport, Illinois. Residence: 447 N. Trunck Avenue.

BENSON, EDMUND T., (BS '29, Chicago), UI grad. student '31-34 is geologist with Service Pipe Line Company, PO Box 1979, Tulsa 2, Oklahoma. Mr. Benson was 1st vice-president of Tulsa Geological Society, 1954-55.

BENSON, RICHARD H. (BS '51 Marshall College), MS '53, Ph.D. '55, is assistant professor of geology, University of Kansas, Lawrence, Kansas. Dick is teaching historical geology, paleoecology and working on the Ostracoda section of "Treatise of Invertebrate Paleontology". While at Illinois Dick was Shell Fellow for two years. Dick and Irene live at 1704 W. 20th St., Terrace, Lawrence, Kansas.

BERLIANT, RONALD F., AB '54, Sp3, US 55489059, Svc Co. Special Trps. 7781 AU, APO 742, New York, N. Y.

BERMAN, BYRD L., (AB '51, Augustana College), MS '53, after spending several years in South Africa for Union Carbide Company, and others, returned to the states in January 1955. It is understood that he is now working for an uranium exploration company in Denver, Colorado. Address: 1275 Clarkson, Denver 3, Colorado.

BERNSEN, JOEL, AB '42, 1514 Addison Street, Chicago, Illinois.

BEVAN, ARTHUR C., (BS '12, Ohio Wesleyan, Ph.D. '21, Chicago, Sc.D. '42 Ohio Wesleyan), staff '21-29, retired as principal geologist, Illinois State Geological Survey, Aug. 31, 1955 after having been on the Survey Staff since 1947. Dr. Bevan was acting head of the Department of Geology at Ohio Wesleyan in '13-14; was an assistant at the University of Chicago, '15-17; instructor at Ohio State University, '17-19; assistant professor at Illinois '21-29. He was appointed state geologist and director of the Virginia Geological Survey, University of Virginia in 1929, where he remained until 1947 when he returned to the UI campus on the staff of the Survey. In the summers of 1920-22 he served as geologist with the Montana Bureau of Mines, making a geologic map of the state. He surveyed geologic maps for the Illinois Survey in the summers of '23 and '28. Dr. Bevan

is a Fellow or member of several scientific and professional organizations. In 1945 he was chosen by the editors of Virginia newspapers as the "Man of the Year" in science in Virginia. He and Mrs. Bevan have a small country place northwest of Staunton, Virginia where he will continue field studies in Augusta County and central Appalachians. "Visitors are welcome upon advance notice". Address: Churchville, Va.

BIERSCHENK, WILLIAM H., (BS '51 Princeton), MS '53, General Electric Company, Biophysical Section, Richland, Washington; Hanford Atomic Products Project. Formerly he was with USGS, Ground-Water Branch at Providence, Rhode Island. He will be a geologist-hydrologist assigned to the Radiological Sciences Department and concerned with the effects of geology and ground water on atomic waste disposal. His work with the USGS in Rhode Island produced 4 quadrangle reports and several lesser papers. He and Marjorie, his wife, have 3 daughters, Nancy (6), Karen (4) and Wendy (1 1/2).

BILLINGS, VERLEE, BS '48 (See: Mrs. Frank H. Larner).

BIRD, ALAN G., BS '51 is consulting geologist is uranium problems, 406 Perry Street, Denver 4, Colorado.

BISHOP, 2/Lt. ROBERT E., 04040667 Box 2 229, AATC, 56 3, Officer Student Co., ARMAV Regt. 3461st. Student Unit, Ft. Rucker, Alabama. Bob received his BS degree in 1954. Bob and Rita have visited the department a couple of times this past winter. He reports that "Moose" Leonard is also at Ft. Rucker.

BITTEN, BERNARD I., BS '49, 520 W. 4th St., Kewanee, Illinois.

BLACK, RONALD E., BS '50, 322 E. Lincoln, Onarga, Ill.

BLACKWELDER, ELIOT (AB '01, Ph.D. '14, Uni. of Chicago), staff, Prof. & Head, '16-19, is professor of geology, Emeritus, Stanford University, PO Box N, Stanford, California. Prof. Blackwelder is chairman, Palo Alto Chapter of the Atlantic Union Committee. He attended the GSA meetings in New Orleans in November 1955 and attended the alumni luncheon.

BLAESING, Pfc. HARRY V., BS '54, is Fire Direction Computer, Hq. 1, Svc. Btry., 10th FA Bn (Prov) 3rd Inf. Div., Ft. Benning, Georgia. He was married Jan. 14, 1956 to Miss Persis Steck.

BLAZINA, HUBERT E., BS '49 (Address unknown).

BOARDMAN, RICHARD S., BS '48, MS '52, Ph.D. '55 is geologist for USGS, Paleontology and Straigraphy Branch, Rm. 338, U.S. National Museum, Washington 25, D. C. He is working with the Lower Paleozoic Bryozoa. He and Phyllis have two boys, William Richard and James Mark or "Bill" and "Jim". Residence: 304 Grant Avenue, Takoma Park 12, Maryland.

BOMKE, ROBERT A., BS '53, Motion Picture Unit, Univ. of Oklahoma Norman, Okla.

BOOKER, FREDERICK W., (Research Associate in Geology, Feb.-October 1955), the New South Wales Government Geologist of Sydney, Australia was sent to the States to study the Pennsylvania System at first hand, and who could he find better qualified than our own Dr. Harold W. Wanless to give him the aid and advice that he was seeking. Prior to his coming to the States, Doctor Booker carried out a considerable amount of work on the coal fields of New South Wales

which involved the application of the principles worked out in the United States by Doctor Wanless. Doctor Booker returned to Australia via England.

BOOS, MRS. MARGARET FULLER, who was on our staff in 1949, is consulting geologist. Address: 2036 S. Columbine Street, Denver 10, Colorado. Doctor Boos and her husband spent several weeks on Hawaiian volcanoes last winter. They attended the GSA meetings in New Orleans and plan to attend the AAPG meetings in Chicago in April.

BOQUIST, CARL W., BS '49, is petrographer for U. S. Steel Corp., So. Works, 7505 Howard Avenue, Hammond, Indiana.

BORCHERT, JOHN R., (AB '41, DePauw) UI grad. student '41-42, (MS '45; Ph. D. '49, Wisconsin), is associate professor of geography at the University of Minnesota.

BORGER, HARVEY D., AB '37, MS '39, Geological Department, Creole Petroleum Corp., Tia Juana, Edo Zulia, Venezuela.

BOWERS, MARY G. (JERRY), BS '47 is Stratigrapher for Shell Oil Company, 1845 Sherman, Denver 3, Colorado. Jerry was transferred to the Denver office in March 1955 after having been with the company in Kansas since her graduation. She likes living in the mile high city and is taking advantage of Colorado's scenery and recreations.

BOWMAN, MRS. DONALD C. (Helen M. Storm), AB '48 is with the Sinclair Research Laboratory, 860 N. Lewis, Tulsa, Oklahoma.

BOYER, WILLIAM E., BS '53 is in the armed services. The latest address and title is Ensign, NAS - BOQ, Hutchinson, Kansas.

BRADBURY, JAMES C., AB '41, (AM '49, Harvard) is associate geologist with the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

BRADLEY, WILLIAM F., AB '30, Ph. D. '35 (Chemistry), is chemist with the Illinois State Geological Survey, Urbana, Illinois.

BRADY, JAMES N., BS '50, is scout with the Ashland Oil and Refining Company, 2419 Jackson Avenue, Ashland, Kentucky.

BREMER, R. L., BS '40, 3 Williamsburg, Rolling Hill, California.

BREUER, JOHN, BS '51, 6920 North Second Street, Rockford, Illinois.

BRIERLEY, DAVID A., BS '49.

BROADDUS, MRS. OLENE, (office '53-54) is now living at 606 North "E" Street, Duncan, Oklahoma.

BROCKHOUSE, ROBERT B., BS '50, MS '51 is geologist with Shell Oil Company, Box 1748, Baton Rouge, Louisiana.

BROKAW, ARNOLD (AB '37 Coe), MS '42 is district supervisor, Colorado Plateau District, USGS, Mineral Deposits Branch, Box 360, Grand Junction, Colorado.

BROPHY, JOHN A., AB '48, MS '49 is research assistant at the Illinois State Geological Survey. John is working toward the Ph. D. degree.

BROUN, ALEX S., BS '55 (Address unknown).

BROWN, PVT. GEORGE D., (BS '53 St. Joseph's), MS '55, US 55537782, "C" Btry., 590th AFA Bn, 3rd Armd. Div., Fort Knox, Ky. George visited the department in March and reported that he expected to leave sometime in May for Germany, near Frankfurt. He is on leave from Stanolind Oil and Gas Company.

BROWN, GEORGE P., AB '42 is with Military Geology Branch of the USGS in Washington, D.C. Address: 3100 Rodman St., N.W., Washington 8, D.C.

BROWN, HENRY S., (AB '52 Berea), MS '54 is head of the Department of Geology and Geography, Berea College, Berea, Ky. He passed his Ph.D. prelims at Ill. March 6, 1956. Henry and Wilda have 2 sons, David (2) and John (2 1/2 mos.).

BROWN, MAURICE E., BS '40, 919 Renfro, West Plains, Mo.

BROWN, MRS. ROBERT L. (Margaret P. Lohr), BS '51, 1668 Parkline Drive, Pittsburgh 27, Pennsylvania. Margaret's husband is chief engineer with Gardner Displays. They have 3 children, Walter Francis (3), Peter Lucille Josephine (2) and Christophere Michael (1).

BROWN, ROBERT L., BS '49 is party chief with Seismic Explorations, Inc., Box 597, Watford City, North Dakota.

BROWN, ROBERT P., BS '51 is corrosion engineer with Sinclair Pipe Line Co., 402 Morton Avenue, Aurora, Illinois. He is married and they have 2 children.

BROWN, ROBERT W., (BS '11, Northwestern), MS '13, (Ph.D. '27 Chicago), 371 Nova Lane, Menlo Park, California.

BROWNFIELD, ROBERT L., (BS '50, St. Louis), MS '55 is geologist with the Texas Company, PO Box 539, SW, Ardmore, Oklahoma. The Brownfields have two children, Ann Marie (3 1/2) and Robert Paul (1 1/2).

BUCK, ALAN D., BS '50, is assistant chief, Petrography Section, U.S Corps of Engineers, Waterways Experiment Station, Concrete Research Division, PO Drawer 2131, Jackson, Mississippi. He is married and they have one child, a boy.

BURGENER, JOHN A., (AB '51, Macalester College), MS '53, 1514 S. Seventh Street, Terre Haute, Indiana.

BURGESS, JACK D., BS '49, 2311 7th Street, Moline, Illinois.

BURKE, ARTHUR K., BS '46, grain broker with Lowell Hoit and Company, 1001 W. White St., Champaign, Illinois. Mr. Burke has been in the grain business over nine years.

BUSCH, PHILLIP M., BS '48, MS '49 and Ph.D. '53 (Geography), is assistant professor at St. Lawrence University, Canton, New York. He sent Holiday greetings to all. Phillip visited the department in June.

BUSCHBACH, THOMAS C., BS '50, MS '51 is assistant geologist, Illinois Geological Survey, Urbana. Tom is working toward Ph.D. degree at UI.

BUSHMAN, EDWIN F. BS '41 is technical director, General American Trans. Corp., 21552 Wesley Drive So. Laguna, California. Ed and Louise have 3 children, Bruce (8 1/2) Gary (7 1/2), and Joan (4 1/2).

BYRNE, PATRICK J. S. (BS '50, MS '51 Alberta), Ph.D. '53 is geologist with the Research Council of Alberta University of Alberta, Edmonton, Alberta, Canada. They live at 11524 - 140th Street, Edmonton. Pat and Grace adopted a son, James Patrick, last May. Congratulations, Pat and Grace.

CALDWELL, WILLIAM S. (BA '48, Wooster), MS '50 is division geologist, Texas-New Mexico Div. of Southern California Petroleum Corp., Box 1071, Midland, Texas. He is married and they have 2 girls, Margaret (4) and Mary Kay (2 1/2). They built a new home at 809 W. Boyd Avenue this past fall.

CALLAHAN, MRS. EDWARD J., (Jean McGinnis) AB '40, 1109 N. Avenue, Waukegan, Illinois.

CAMERON, ROBERT A. BS '50, 2395 Univ. Avenue R., St. Paul, Minnesota.

CAMP, BARBARA, staff '45 (See: Mrs. Robert Griesser).

CAMPBELL, ROBERT C. (BS '50 Lawrence), UI grad. student '50-52 is with The California Co. Address unknown.

CAPERTON, JOAN L., AB '35 (See: Mrs. Lazare Shorter).

CARLSON, JOHN E., BS '49, (MS '51, Idaho) is geologist with USGS, Lead-Zinc Division, Box 165, Platteville, Wisc. John and Evelyn have 3 children, Paul (6), Ellen (1 1/2), and Lawrence Edward (12-16-55).

CARR, JOHN M., visiting asst. prof., '54-55 is research associate, University of British Columbia, Vancouver, British Columbia.

CASCIO, BASIL J., BS '52, 1226 S. Independence, Rockford, Illinois.

CASLER, HARRY G., BS '55, 7242 Euclid Ave., Chicago 49, Illinois.

CASSIN, RICHARD J., BS '42, MS '49 is petroleum geologist, Forest Oil Corporation, RR 2 Casey, Illinois. He and Nancy have 2 girls and a boy, Lee (5), Steve (3) and Jan (1 1/2). Dick spent 4 months in Colombia doing secondary recovery study for his company.

CENTURY, JACK R., BS '51, MS '52 is with Stanolind Oil and Gas Co., Box 238, Salt Lake City, Utah. Jack and Marcia live at 3468 S. Santa Rosa Drive with their 2 boys, Paul Reed (2 1/2) and Michael Louis (7-24-55).

CHAMBLIN, 2/Lt. JACK, BS '55 is stationed in Alabama, 3360 Narrow Lane Road, Montgomery. A baby girl was born to them Dec. 1955.

CHAPMAN, JOHN J., (BS '41, MS '48 Colo. Sch. Mines), Ph.D. '53, is associate professor and head of the department of geology at Southern State College, Magnolia, Arkansas. The college was recently accredited and they graduated their first geology majors (4) in June 1955. John and Dorothy have 2 daughters, Martha Ann (4) and Louisa (3). They live at 1301 N. Washington St.

CHELOTTI, RICHARD M., BS '50, 1917 S. Spaulding, Chicago 23, Illinois.

CLARK, CHARLES R. "BUD", AB '26, AM '28, Kerr-McGee Oil Industries, Inc., First National Bank Building, Oklahoma City, Oklahoma.

CLARK, CLIFTON W., AB '13, AM '15 (Ph.D. '17 California) is independent oil operator; petroleum geologist and engineer; consulting mining geologist and mine operator, Huff Building, Wichita Falls, Texas. He was married to Olive F. Miller in 1918. She received her AB '14 and AM '15 from University of Illinois. They have 3 children.

CLARK, JOHN, BS '31, (MS '32 Pittsburgh; Ph.D. '35, Princeton), 543 Highland Ave., West Chicago, Illinois.

CLAWSON, PAUL N., BS '55, is graduate teaching assistant at Montana State University, Missoula, Montana. Address: 100 Van Buren, Missoula.

CLAY, JOHN O., (AB '43 Wooster), AM '48 is president and chief geologist of the Clay Oil and Gas Corporation, Box 2571, Monroe, Louisiana. They have 3 boys (8), (6), and (4) and 1 girl (2 months).

CLAYPOOL, C. B., (AB '24, DePauw), AM '29, Ph.D. '33, consulting geologist, 410 Gilbert Building, Beaumont, Texas. Residence: 570 Twentieth St.

CLEARY, JAMES M., BS '53, after spending some years in the service is working toward a degree in Engineering. His wife, Ann, is an assistant in Botany. They live at 605 S. Birch, Urbana.

CLEGG, KENNETH E., BS '50, MS '53 is assistant geologist in the Coal Division of the Illinois State Geological Survey, Urbana.

CLUTTER, LESTER W., BS '48, MS '51 (Geography) is senior stratigraphic geologist with Gulf Oil Corporation, 1423 Ave. D, Billings, Montana. For the past year he has been working on a detailed stratigraphic study of the Mississippian formations in the Williston Basin. He and Virginia have 3 little Clutters, Christie (5), Randy (3) and Bruce (1).

COCHRAN, FLORENCE, AB '20 (See: Mrs. C. A. Walcher).

COCKRUM, EARL C., AB '43 and COCKRUM, MRS. EARL C. (Leola Seibert) BS '44 are now living in Miles City, Montana, PO Box 150. Earl is district geologist (Williston Basin) for the Carter Oil Company. He was transferred from Carmi to Montana in December 1955. Sally and Earl visited the department in October while they were in town for the 50th celebration of the Illinois Geological Survey.

COFER, HARLAND E., (BS '47, MS '48 Emory Univ.), UI grad. student, '50-54 is with the Department of Geology, Emory University, Emory University, Georgia

COHEE, GEORGE V., BS '31, MS '32, (BS '33 Education), Ph.D '37, is chairman, Geologic Names Committee and Chief, Geologic Names Review Staff with USGS, Rm. B-242-E General Services Building, Washington 25, D.C. Residence: 5508 Namakagan Road, Washington 16, D.C. Dr. Cohee was master of ceremonies at AAPG alumni luncheon in New York in March 1955.

COLE, PATRICIA, AB '48 (See: Mrs. Carl Rebok, Jr.).

COLLIER, HORACE E., BS '49, Engineer, Baroid Sales Division, in charge of plant at Malvern (Magnet Cove Region), Arkansas.

COLLINS, LORENCE G., BS '53, MS '55 and MRS. COLLINS (Barbara Schenck, Ph.D. '55) are now in Germany. Larry is 2nd Lt. in U.S. Army. He was sent to Germany last February and Barbara joined him in the summer after finishing her work for the doctorate. In March 1955 Larry was intelligence officer in a Reconnaisance Technical Squadron as a cartographic officer but at the time of their Christmas letter he was an assistant intelligence officer handling confidential and secret material. Larry and Barbara are truly enjoying European life, are taking an active part in civic affairs in the community and are taking advantage of opportunities for travel. Address: 2nd Lt. Lorence G. Collins, AO 3010221, 66th RECON TECH. RON, APO 227, US Army, New York, N. Y.

CONDON, JAMES C., AB '38, (MS '41 Iowa), is an independent oil operator, 301 Orpheum Building, Wichita, Kansas. He is married and they have 3 children, Yvonne (14), Marquita (10), and Vivienne (7).

CONLIN, RICHARD R., (BS '52 Franklin & Marshall), MS '54 is in the U.S. Army. Dick is married and they have an 8-month old baby girl, Kim Elizabeth. He is now stationed in Germany (near Frankfort); will return to the states in May and will be released from Army in July. Address: Sp3 Richard R. Conlin, US 52283779, Hq. Btry, 44th FA Bn., APO 39, New York, N. Y.

COPELAND, MARGARET JANE, grad. student '43-44 (See: Mrs. Charles Godwin).

CORCHARY, GEORGE S., (BS '48, New Hampshire), UI grad. student '53-54 is with USGS, Military Geology Branch, Washington 25, D.C.

CORCORAN, ANDREW J., BS '40 (Address unknown).

CORDELL, ROBERT J., BS '39, MS '40 (Ph.D. '49, Missouri) is manager of geological research for Sun Oil Company Production Research Laboratory, 503 N. Central Expressway, Richardson, Texas. He married Frances Cordell in 1942. They have three children, Victor (10), David, (4) and Margaret Lynn (10 months).

COSTER, ROBERT W., BS '56 plans to work for Western Electric Company. His home is Plano, Illinois.

COXWORTH, ROBERT, BS '49, is regional manager, Old Republic Life Insurance Company, 307 N. Michigan, Chicago 1, Illinois.

CRAMER, HOWARD R., BS '49, MS '50, (Ph.D. '54, Northwestern), is assistant professor of geology, Franklin-Marshall College, Lancaster, Pennsylvania. His research is on stratigraphy and paleontology of southeastern Pennsylvania. During the summers Howard works with the USGS Bibliography.

CRAMER, RAYMOND A., BS '50, 8523 S. Essex, Chicago 17, Illinois.

CREAGER, JAMES E., (ex '24) (BS '25 Chicago), is vice-president of Jewel Paint and Varnish Company, 345 N. Western Avenue, Chicago 12, Illinois.

CRICKMAY, COLIN H., (BA '22, British Columbia; Ph.D. '25 Stanford), staff '31-33, 525 Salem Avenue, Calgary, Alberta, Canada. He is geologist with Imperial Oil Limited.

CROOKS, HAROLD F., AB '16, MS '18, 438 Palm Drive, Vista, California. Mr. Crooks is director emeritus of Iraq Petroleum Co., Ltd.

CROW, CLARENCE V., BS '51, 201 E. Oregon, Urbana. He is with Carl Bays & Assoc., of Urbana.

CULBERTSON, J. A., (AB '21 Hanover College, MS '25, Chicago), Ph.D. '32 is manager of exploration, Continental Oil Company, Box 2197, Houston, Texas.

CULLISON, JAMES S., AB '28, (MS '30 Missouri, Ph.D. '42 Yale), Egyptian-American Oil Co., PO Box 50, 2, Sharia Walda Pasha, Garden City, Cairo, Egypt.

CULVER, HAROLD E., (Ph.B. '10, Ph.M. '11, Wisconsin; Ph.D. '23 Chicago), staff '19-20; Emeritus, State College of Washington. Address: APO 928, c/o P.M., San Francisco, Calif.

CUMMINS, MRS. JAMES (Lucinda Firebaugh "Cindy") BS '48, RFD 1, Cobden, Illinois. Cindy is a kindergarten teacher at Cobden and her husband teaches chemistry at Anna-Jonesboro High School. They have 2 children, Jamie (5 1/2) and John (2). (They have 15 acres of peaches, 15 acres of apples plus strawberries and some truck farming).

CURVIN, BERNARD A., BS '39, Stanolind Oil & Gas Co., Box 689, Jackson, Miss.

CVIKOTA, JOHN T., BS '43, 5731 W. Dakin St., Chicago 34, Illinois. John is a chemist with Eastman Kodak Company. He is married and they have 1 boy and 3 girls.

CYGAN, NORBERT E., BS '54, MS '56, instructor, Department of Geology, Ohio Wesleyan University, Delaware, Ohio.

DADY, WILLIAM G., BS '45, consulting, 3205 Harrow Drive, Billings, Montana. He and Charlene have 5 children, William Robert (6), Shawn Carol (5), Lorin Alter (4), Patricia Lynn (2) and Sharon Leight (5 months).

DAUGHERTY, ROBERT C., BS '53, 1415 Franklin Avenue, Danville, Illinois.

DAVID, MAX W., BS '35, consulting geologist, Box 1657, Midland, Texas.

DAVIS, GEORGE H., BS '42, geologist, USGS, 2520 Marconi Avenue, Sacramento, Calif. He did graduate work at UCLA '46-47. Presently he is in charge of ground-water investigations in San Joanquin Valley, California.

DAVISON, ROBERT M., BS '49 is sales manager for Indiana, Trisler Seed Farms, Fairmount, Illinois. Bob and Vanda have 2 children, Christine (4), and Lance (1 1/2).

DEAN, JAMES W., BS '48, is consulting geologist, Dean & Hallowell, PO Box 129, Carmi, Illinois. Some of you may not have heard of the sudden death last July of his partner, James E. Hallowell, BS '50. James is carrying on the business under the original name of Dean & Hallowell. Arthur Preston, BS '52 has joined the firm as geologist. James and Barbara, BS '46 have 3 children, Karen Sue (6), Deborah Lynn (4) and John Val born September 26, 1955.

DECKER, JACK M., (BS '49 Redlands), MS '50, is consulting geologist, Edwards & Decker, Room 140 Mack Bldg., 1603 California Ave., Bakersfield, Calif. He was formerly with General Petroleum Corporation in Bakersfield.

DECKER, ROBERT W., staff '54, is assistant professor, Dartmouth College, Hanover, New Hampshire.

DECKER, WILLIS M., BS '39 is district development geologist for Cities Service Oil Company, Box 4577, Oklahoma City, Oklahoma. Mr. Decker sent us a copy of SHALE SHAKER, 1-V, 1950-55 Oklahoma City Geological Society publication. Mr. Decker was president of the Society 1954-55. The volume has been placed in the Natural History Library where it will be accessible to students and staff. Thanks, Mr. Decker.

DEIBEL, JOHN P., AB '48, Osage Agency, Pawhuska, Oklahoma.

DELLENBACK, CHARLES R., BS '52, MS '53 (Address unknown).

DETTINGER, MRS. G. W. (Ruth Hockman) BS '49, 214 N. 6th Ave., Wausau, Wisconsin. Ruth reported that their third son, William Carl, was born Oct. 17, 1955. She has joined the recently organized Wisconsin Valley Gem & Mineral Soc.

DEUTH, MARTIN J., (AB '36 DePauw), MS '38, is area geologist (staff man on Exploration Manager's Staff) for the Shell Oil Company, 1700 Broadway, Denver 2, Colorado. He and Mary Jane have 2 children, John (15) and Allen (10). Martin says they are doing fine and enjoying life in environs of Denver at 2201 E. Floyd Avenue, Englewood, Colorado. He invites you to stop in and say hello.

DEWHIRST, JAMES D., BS '50 is special agent, Federal Bureau of Investigation, 33-16 81st Jackson Heights, New York City, New York.

DEWOLF, FRANK W., head of department, '31-46 is enjoying his emeritus status at their home at 601 W. Delaware, Urbana. He and Mrs. DeWolf attended the GSA meetings in New Orleans in November. They would be happy to have alums visiting Urbana call on them or telephone them.

DICKIE, GEORGE A., (BS '53, Kent State), MS '55 is geologist with California Company, PO Box 510, Pensacola, Florida.

DIETZ, ROBERT S., BS '37, MS '39, Ph.D. '41 is oceanographer, Office of Naval Research. Address: ONRL, Box 39, FPO 100, New York, (or Keysign House, 429 Oxford St., London.)

DILLON, EDWARD L., BS '47, MS '49, district geologist - Abilene District, Shell Oil Company. 902 Pioneer Drive, Abilene, Texas. Ed and Charlene have 2 children, Janet Lee born 6-24-55 and Charles Eugene born 5-25-54.

DODGE, HARLAN B., BS '42, is Director of Plants, Weber-Costello Co., 125 Sauk Trail, Park Forest, Illinois. He is a member of the Board of Directors of Weber-Costello Company and Weber-Costello of Canada Limited, Toronto, Canada.

DOEHLER, ROBERT W., BS '51, MS '53 is working on his Ph.D. in the department and is Fellow, Illinois Clay Products Company.

DOLLAHAN, LOWELL A., (BS '30 Engineering) is district manager, Ethyl Corporation, Kansas City, Missouri District, 1917 Buchanan Street, North Kansas City, Missouri

DONLEY, WILLIAM H., BS '55 (Address unknown).

DOOLEY, ROY M., BS '28 (Journalism), BS '52, geologist, Dooley Geological Services, Box 203, Vandalia, Illinois. He extended four oil pools in Illinois Basin in 1955.

DORN, EUGENE G., BS '51, 1043 Adams Blvd., North Chicago, Illinois. Eugene is attending Northwestern University, working toward the master's degree in school administration. He is married to Marian Jelovsek, an Illinois graduate.

DROSTE, JOHN B., BS '51, MS '53, Ph.D. '56, is an instructor in the department, teaching geology courses and physical science in the Division of General Studies. (See Staff Activities).

DU BAR, JULES R., (BS '48, Kent State, MS '50 Oregon State), UI grad. student '50-51 is instructor at Southern Illinois University, Carbondale, Illinois. He is about finished with his Ph.D. thesis on Neogene of Southern Florida and hopes to receive the degree from Kansas in June.

DUMOND, LOUIS A., AB '48, 1 North LaSalle St., Room 2300, Chicago, Illinois.

DUNN, PVT. DARREL E., BS '55, US 55510718, Co. E., 1st Bn. 1st Armored Trng. Regt., ARTC, Ft. Knox, Kentucky. Darrel accepted a position with Pure Oil Company, Olney, Illinois last June but was called to the service in October. He visited the department during the Christmas holidays.

DUTTON, CARL E., (AB '26, DePauw), MA '28, (Ph.D. '31, Minnesota), is regional geologist, USGS, 213 Science Hall, Madison 6, Wisconsin. He says he continues to enjoy living in Madison and working on iron-ore deposits of the Lake Superior Region.

DYNI, JOHN R., (BS '53, Wayne Univ.), MS '55, is geologist (engineering) with US Army Corps of Engineers, Geology Section, 1200 Federal Building, Kansas City, Missouri. "1-A and still waiting; single, but anxious".

EBERLY, LYLE D., (BS '51, Wichita U.), MS '53, geologist with The Carter Oil Company, 608 Amer. Natl. Bank, Shawnee, Oklahoma. Lyle was discharged from the Army on June 14 and returned to his job with Carter the first of August.

EDDINGS, ARNOLD L., AB '42, MS '47, field engineer, Schlumberger Well Surveying Corp., Box 312, Mt. Carmel, Illinois.

EKBLAW, GEORGE E., AB '22, AM '23, (Ph.D. '27, Stanford), geologist and head, Division of Engineering, Geology and Topographic Mapping, Illinois Geological Survey. Dr. Ekblaw has been with the Illinois Survey since 1920, advancing steadily thru the years as assistant geologist, associate geologist in engineering geology, geologist and geologic editor, head of engineering and areal geology division to his present position. His early work was in glacial geology, sand and gravel resources, and quadrangle areal geology; mapped complete geology of Kankakee and part of Alto Pass quadrangles and assisted in mapping of Morris, Oregon, and Wilmington quadrangles and of geology along Mississippi River from St. Louis north to Iowa. Doctor Ekblaw is author of numerous technical and scientific articles, and junior author of Illinois State Geological Survey Educational Bulletin No. 3, "Typical Rocks and Minerals of Illinois", a booklet written for popular use and having wide distribution. He has professional membership in 11 different organizations, and his activities have been many and varied, ranging thru important posts with Illinois Society of Professional Engineers, National Society of Professional Engineers, Alumni secretary (class of 1922), Boy Scouts of America, and Girls Scouts (original

and long a member of local Girl Scout Council Long-Term Planning Committee) which was responsible for acquisition of land for and construction, development, and expansion of established Camp Kiwanis for local Council. His hobbies are stamp collecting and bird study.

Mrs. Ekblaw (Emma Nyberg), retired from the Urbana Board of Education last April after serving 12 years, during most of which time she was also on the Executive Board of the State Association of School Boards.

Dr. and Mrs. Ekblaw have one son, Andrew II, now a student in geological engineering at the University.

EKBLAW, SIDNEY E., AB '29, MS '30 (Ph.D. '34 Clark Univ.) is professor of geography and chairman, Department of Geology and Geography, Univ. of Kansas City, 5100 Rockhill Road, Kansas City 10, Missouri.

Doctor Ekblaw states that his department is enlarging - having a geologist to develop and handle work in geology. They plan to give more evening courses for adults. He plans to attend the International Geographical Union in Rio in August 1956, and the International Geological Congress in Mexico City.

They have 4 children, one starts college next year.

ELIAS, MAXIM M., (AB '37, Kansas), AM '39 is geologist with the USGS. At the present he is on a two-year field assignment at Heidelberg, Germany. Address: USGS Team (Europe), 139 Engr. Det. (Terrain), APO 403, New York, N. Y. He and Myra (Shilling) have 4 children, including 2-year old twin girls.

ELLINGWOOD, ROBERT W., (BS '42 Northwestern), MS '48, Northwestern University, Evanston, Illinois.

ELLIOTT, GEORGE J., BS '49, c/o Coy Oil Company, Evansville, Indiana.

EMERY, KENNETH O., BS '37, MS '39, Ph.D. '41, is professor of Marine Geology, University of Southern California, Los Angeles 7, California. He is working on origin of oil and natural gas in recent sediments off southern California. Ken and Caroline have 2 children, Barbara and Charlet, plus "Fairy" the cat and I don't know how many kittens.

ENGLE, MRS. ROBERT G., (Lysbeth Fisher, staff '46-47) is 2nd and 3rd grade teacher, Harrison Village School, RFD 2, Harrison, Maine. She is taking graduate courses in education in her "spare" time. They have 3 children, 1 job and no help, but they aren't very taxing!

ERICKSON, W. T., BS '40, 321 N. Center Street, Clinton, Illinois.

ETHEREDGE, FOREST D., (BS '51, VPI), MS '53, 7406 N. Seeley Avenue, Chicago 45, Illinois.

EVELAND, HARMON E., BS '47, MS '48, Ph.D. '50 is professor and head, Dept. of Geology, Lamar State College of Technology, Beaumont, Texas. The April 1955 AGI News Letter contained an article about an unusual adult education course offered by Dr. Eveland's department entitled "Minerals for Atomic Energy", a non-credit evening course. More than 32 persons were enrolled, some from towns 25 miles distant. The course was the outgrowth of requests for information on uranium prospecting.

Ed visited us in September and reported that his department is growing and they have hopes of a new building. Ed, Doris and the children moved into a new home last summer at 4650 Baywood Lane, Beaumont.

EVERITT, JAMES, AB '41, supervisor, Geophysical Service, Inc., 839 Esperson Bldg., Houston, Texas.

FAGIN, K. MARSHALL, AB '30, is manager, Oil Investments (Loans), Southwestern Life Insurance Company, PO Box 2699, Dallas 1, Texas. He married Frances Gaston, BS (floriculture) '30. They have 4 boys, Bob (23), Dick (22), Don (19) and Dave (17) and 1 girl, "Libby" (5).

FAHNESTOCK, 2/Lt. ROBERT K., BS '54, has been working for the past year in the Engineer Strategic Intelligence Division of Army Map Service and spent 8 months doing research on Alaska. He has joined the Geological Society of Washington. He plans to enter graduate school after his army service is over. Ann, his wife, graduated from George Washington University in February. Ken has been struggling with French. Address: 4589 MacArthur Blvd., N. W., Washington 7, D. C.

FAIRBRIDGE, RHODES W., staff '53-54, is professor at Columbia University, Department of Geology, New York 27, N. Y.

FALZONE, HAROLD H., BS '50, is a teacher at Alta Vista School, Cheyenne, Wyoming. Residence: 229 S. House Street, Cheyenne.

FANNING, JOHN W., BS '53, 3831 Normandy, Dallas 5, Texas.

FARNUM, MRS. LARRY (Jeanne Seaman), BS '43, FTT-1A, TUSAG, APO 206A, c/o P.M. New York, N. Y. (Permanent address: 3840 State St., Saginaw, Michigan). Christmas greetings from Jeanne came from Ishtanbul, Turkey, where they have been for over a year and a half. Her husband is U.S. Army Engineer. They live near the American Robert College and only two doors from the American Community school where the American children attend grades one thru eight. Donna, Joan and Jeff attend the fourth, second and first grades. Diane and Deborah age 3 and 22 months are too young to attend school. Larry's mother and father arrived for a visit last September. They plan to return this spring prior to the later return of Jeanne and her family.

FIACCO, GUIDO J., BS '51, 2723 Commercial Ave., Chicago Heights, Illinois. He is cartographer, U.S. Air Force, Aeronautical Chart and Information Center, 2nd Arsenal Sts., St. Louis, Missouri.

FIEBIG, CAPTAIN JULIUS W., BS '48, has recently been assigned to the 17th Bombardment Group of the 17th Bombardment Wing at Hurlbut Field, Florida. Before being transferred Captain Fiebig had been stationed at Randolph Air Force Base, Texas. He entered the service December 11, 1942. At Hurlbut Field he is serving as assistant group operations officer.

FINFROCK, LAWRENCE J., BS '40, MS '48, is district geologist, Sunray Mid-Continent Oil Co., PO Box 1001, Jackson 5, Miss. Larry and Lois have 4 children, two boys and two girls, aged (8), (6), (2 1/2) and (1).

FINLEY, DALE C., BS '43, division development geologist, The Pure Oil Co., Box 311, Olney, Illinois.

FIREBAUGH, MAX C., BS '47, Collins Bros Oil Co., Box 379, Mt Vernon, Ill.

FISCHER, VICTOR N., (BS '34 Beloit), MS '37, division geologist, Skelly Oil Co., PO Box 1750, Tulsa 2, Oklahoma.

FISCHER, WILLIAM A., (BS '39 McKendree College), UI graduate student '40-41, chief, Photogeology Section, USGS, Washington 25, D. C.

FISHER, (s. Lt. CLYDE, JR., BS '53, HQ CC "A", 2nd Armored Division, APO 28, N. Y. He is now an army aviator stationed in Mannheim, Germany, near Heidelberg). His family is with him and they will be there for another 2 1/2 years

FISHER, JAMES H., AB '43, BS '47, MS '49, Ph. D. '53, on the staff for several years, left in September to accept a position as assistant professor, Department of Geology, University of Nebraska Lincoln 8, Nebraska.

FISHER, ROBERT W. BS '53, is working toward the MS degree and is assistant at the State Geological Survey

FOLEY, FRANK C., staff '51-54, is state geologist and director of geological survey, and professor of geology, University of Kansas, Lawrence, Kansas.

FOLK, STEWART H., (AB '36 Baylor, MS '38 Iowa), UI grad. student '42-43, Cia. Exploration del Istma, J. J Marroqui No. 1, Mexico, D. F. Mexico.

FOOTE, DONALD L., BS '47, consulting geologist, 1209 S. Stockwell Road, Evansville 15, Indiana. He is married and they have one son, Michael (2).

FORD, GLEN, AB '40, MS '41 is senior geologist, The Texas Company, Box 2420, Tulsa, Oklahoma. Glen was transferred to Tulsa in September after 5 1/2 years as district geologist in Wichita, Kansas. He sent word that Frank Osment was also in Tulsa with Stanolind as assistant chief geologist.

FORTIER, LEO R., AB '24, consultant, 708 Fourth National Bank Building Wichita 8, Kansas

FOSTER JACK D., (BS '49, Mo. Sch. of Mines), MS '51, with J. G. Brown and Assoc. Suite 1026, 644 N. Michigan Avenue, Chicago, Illinois

FOX, ROBERT E. (BS '51 Marshall), MS '53 and MRS. FOX (Ann Strouse) (AB '52 Wooster), MS '53 live at 5942 Frederick Sq., Apt. B, Dallas 25 Texas. Bob is now chief stratigrapher, Hunt International Petroleum Company, 700 Mercantile Bank Building, Dallas, Texas. Last March, '55, while working for the company in Libya he was seriously injured when his truck hit a land mine, a relic of World War II, in the Libyan desert 100 miles south of Derna. After spending 5 days and nights in the desert, Bob was flown out by USAF, and later flown to the states Ann is exploration geologist, Lone Star Producing Company of Dallas. She and Bob visited the department last fall

FRANKLIN, DONALD W. AB '37, MS '39, is district geologist, The Ohio Oil Company Box 552, Midland Texas.

FRANKLIN, EDWIN BS '56 is assistant at the Illinois Survey, Urbana

FREDIGKE, LUCILLE BS '40 (See: Mrs E G. Otton).

FREEMAN, MRS. JEREMIAH P. (Mary Mifflin) BS '53, Huntsville, Alabama. Mary says that last spring they built a new house up on the mountain and have really enjoyed it. Tommy, now a year old, keeps her busy.

FRIES, GEORGE "TED", BS '52 is engineer and surveyor for C. K. Willett, Consulting Engineers, 605 W. 2nd Street, Dixon, Illinois.

FRUND, EUGENE (BS '51, Marietta), MS '53 is geologist with The Carter Oil Co., Box 72, Carmi, Illinois.

FUCHS, ROBERT L., (BS '51, Cornell), MS '52 is staff geologist with Socony Mobil Oil Company, 92 Stuart Avenue, Amityville, N. Y. Bob entered the US Naval Officer Candidate School in November, 1955, and expects to receive commission as Ensign in March 1956. Bob is married and they have a son born last year.

FULKERSON, DONALD H., BS '50, (AM '51 Wyoming), c/o American Egyptian Oil Co., Box 50, Alexandria, Egypt.

FULLER, MELVILLE W., AB '31, AM '33 is self-employed as consulting geologist and oil producer. 1732 E. 31st Street, Tulsa 5, Oklahoma. He and Gladys have 2 girls, Gwynne (17) and Betty (14). Dr. Wanless had a long visit with Mr. Fuller during his AAPG tour.

FULTZ, Lt. Col. DUANE, AB '41 is with the US Marine Corps, MR1 Marine Corps Base, Camp LeJeune, North Carolina.

FUNNEKOTTER, THEODORE, BS '50, 852 W. Wisconsin, Chicago 14, Illinois.

GADD, NELSON R., (B.Sc. '46 West. Ontario; MS '48 Laval), Ph.D. '55 is geologist, Pleistocene Section, Geological Survey of Canada, Ottawa, Ontario, Canada. Nelson and Joy have 2 children, Barbara (5) and Andrew (2). Nelson does field work on Pleistocene stratigraphy of the St. Lawrence Valley, where he will lead a field trip this spring of "Friends of the Pleistocene". During the field season of 1956 he expects to work in the Ottawa Valley. They live in City View, Ontario (PO Box 95).

GAEBE, JAMES R., BS '46 (Address unknown).

GAGE, MAXWELL, staff, '52-53, Canterbury University College, Christchurch, New Zealand.

GARD, WILLIAM J., BS '50, is geologist with Phillips Petroleum Company, 501 Petr. Bldg., Calgary, Alberta, Canada. After 11 months on a well in Alaska, Bill is now on a wildcat in Northern British Columbia, just 25 miles off the Alaska Highway. Bill had coffee with us March 5, 1956.

GARDNER, JACK W., (BS '34 Drury College, MA Mo.) UI grad. student '36-37, 1906 Carmody Drive, Silver Springs, Maryland.

GARRETT, HOWARD E., BS '42, c/o Phillips Petroleum Co., Box 948, Ardmore, Oklahoma.

GARRETT, ROBERT D., BS '48, Producers Pipe Line Company, Inc., 112 E. 3rd Street, Owensboro, Kentucky.

GEIS, HAROLD L., AB '31, MS '33, consulting geologist, 1535 Mellie Esperson Bldg., Houston 2, Texas.

GEISLER, JEAN, BS '48, MS '49 (See: Mrs. Jean M. Moore).

GERBERT, PHILLIP H., BS '53; Seneca, Illinois (home).

GILLIS, ALBERT H., BS '50, geologist, Calvert Drilling, Inc., 216 North West Street, Olney, Illinois. This year he has been working in the Illinois Basin.

GILMORE, JOHN A., BS '32, consulting geophysicist, 407 Radio Bldg., Wichita Falls, Texas.

GIRHARD, NANCY, BS '46, MS '48 is geologist, USGS, Military Geology Branch, 29th Engr. Bn. (Base TOPO.), APO 500, San Francisco, California. Nancy has been in Japan for a year and is enjoying her work.

GLAWE, PVT. LLOYD N., BS '54, US 55521498, Bat. "C", 58th AAA AWBN, 5th Armored Div., Camp Chaffee, Arkansas.

GLENN, SIDNEY E., BS '55, Dept. of Geology, Univ. of Wyoming, Laramie, Wyoming.

GLENDENING, JACK A., AB '48, field geologist, Creole Petroleum Corp., Geological Dept., Apartado 889, Maracaibo, Venezuela.

GLICK, ERNEST E., (BS '49 So. Cal.), UI grad. student, '49-51, USGS, Fuels Division, c/o Mr. Maher, 234 Federal Building, Tulsa, Oklahoma.

GLOSSOP, ROBERT L., BS '52, assistant engineer, Core Laboratories, Inc., Box 74, Lovington, New Mexico.

GLUSKOTER, HAROLD, BS '56 is graduate student and part-time teaching assistant, Department of Geology, University of Iowa, Iowa City, Iowa.

GODWIN, MRS. CHARLES J., (Margaret Jane Copeland, AB '42 Bryn Mawr), grad. student '43-44, RFD 1, Warren Road, Ithaca, New York.

GOLDEN, RICHARD M., BS '48 (Address unknown).

GOLDMAN, CHARLES R., AB '52, research assistant, University of Michigan. Currently working on Ph.D. in Fisheries, School of Natural Resources. They have a son, Christopher Selden born 9-7-55. They live at 519 Fairview Circle, Ypsilanti, Michigan.

GOLLNICK, ROBERT L., AB '40, MS '41, staff geologist, Ralph E. Davis, 1238 Commerce Building, Houston, Texas. Bob and Dorothy have 2 boys, Steve and Cary (8) and (7). Bob does considerable traveling in US and Canada, mainly estimating oil and gas reserves - primarily gas reserves of transmission companies - testifies as to reserves before Federal Power and State Commissions.

GOODALL, LARK L., BS '50, 404 S. First, Fairfield, Illinois.

GOODIN, JAMES E., BS '49, 2253 Monroe, Granite City, Illinois.

GORE, DOROTHY JEAN (BS '48, The Principia), MS '52, formerly with the Illinois State Geological Survey, and the Department of Geology at Principia College, left last June to begin work for her Ph.D. at the University of Wisconsin, Madison.

GRANT, JAMES E., BS '48 (Address unknown).

GRAVES, PERRY H., BS '42, is president, Graves Industries, Inc., Box 242, Robinson, Illinois. Perry has never been engaged in the field of geology but remembers with pleasure the Geology Department at UI.

GRAY, JANE (AB '51, Radcliffe College), UI grad. student '51-52 is working toward the Ph.D. in the department of Paleontology, University of California, Berkeley 4, California.

GREENWOOD, CHARLES E., BS '49, is assistant to regional geologist of Continental Oil Company, PO Box 2197, Houston 1, Texas.

GREGG, WILLIAM N., BS '48, MS '49, Schlumberger Well Surveying Corp., 304 Kirk Street, New Iberia, Louisiana.

GRIESSER, MRS. ROBERT (BARBARA CAMP) BA '45, (MA U. of Cincinnati), is housewife and mother of 3 children. Address: Woodlawn Road, Sterling, Illinois.

GRIFFITTS, MRS. WALLY (Mary Oswald) staff '44-46, Department of Geology, University of Colorado, Boulder, Colorado.

GRINNELL, ROBERT N., BS '51, MS '52, is geologist with Mobil Producing Company, Box 1652, Casper, Wyoming, having been transferred from Bismarck, N.D. to Casper in June. Bob and Diane have 2 children, Gary Robert was born February 6, 1954 and Alisa Ann, September 7, 1955. Bob wrote of having seen Dick Upton at the Rocky Mountain District Convention of the AAPG in Billings last year.

GROGAN, ROBERT M., (BS '35, Chicago; MA '36, Minnesota; Ph.D. '40, Minnesota), UI grad. student '38-39, is geologist with E. I. duPont de Nemours & Company, Development Department, 6015 duPont Bldg., Wilmington 98, Delaware. He and Mrs. Grogan with their twin daughters (12), and son (14), live at 520 Westminster Avenue, Swarthmore, Pennsylvania.

GROSSMAN, STUART, AB '52, MS '53, after serving in the US army in this country and on Okinawa, visited the department this fall. He planned to spend some time at home - 846 President Avenue, Fall River, Massachusetts.

GROTE, MAJOR BENJAMIN, AM '34 (Education), Ph.D '49 lives at 301 Hesse Avenue, Scott AFB, Belleville, Illinois. He is executive officer, Air Base Group.

GROVES, HENRY M., BS '52, is cartographer (Photogrammetric), USGS, 1809 Tower Road, Rolla, Missouri. He and Mrs. Groves have five children and own their own home.

GRUBB, CARL F., AB '31, AM '32, is district geologist of The Superior Oil Co., 915 American Bank, New Orleans, Louisiana. He and Grace have one son, Charles (9).

GRUBB, ROBERT F., BS '38 is partner-general manager, Grubb & Petersen Advertising, Champaign, Illinois. He resides at 1401 W. Healey, Champaign. Mr. Grubb never pursued geology but has been in the advertising and graphic arts enterprises. They have 4 children.

GRUPP, CHARLES J., BS '47, 823 Highland Drive, Chicago Heights, Illinois.

GSELL, RONALD N., AB '30, (MS '33, Washington Univ.), coordinator of geophysics, Magnolia Petroleum Company, Box 900, Dallas, Texas.

GUTSCHICK, RAYMOND C., BS '38 (Engr. Phys.), MS '39, Ph.D. '42 is professor of geology, University of Notre Dame, Notre Dame, Indiana. Ray attended the GSA meetings in New Orleans. For the past two summers he has done field work in northern Arizona. He and Alice have 2 daughters, Alice Ann and Raal (14) and (10).

GUTSTADT, ALLAN M., BA '49, (Ph.D. '54 Northwestern), geologist, Petroleum Section, Indiana Geological Survey, Bloomington, Indiana. He says that Haydn Murray lost out in the finals for 4th flight champion in the Bloomington City Golf Tournament, being defeated by a local quarry worker who could drive 300 yards every time!

HADLEY, DAVID W., BS '53, 7246 Constance, Chicago 49, Illinois.

HAGAN, WALLACE W., BS '35, MS '36, Ph.D. '42, consulting, 423 Locust Street, Owensboro, Kentucky.

HALLSTEIN, WILLIAM W., BS '49, MS '52, The Carter Oil Company, Durango, Colorado.

HAMMACK, JULIUS E., BS '54, geologist, Walter Duncan Oil Properties, Box 206, Mt. Vernon, Illinois.

HAMMERBACKER, LAWRENCE J., BS '50, Eureka Springs High School, Eureka Springs, Arkansas.

HANES, VINCENT E., BS '39, MS '40 (Address unknown).

HANSON, WILLIAM A., BS '51, civil engineer, c/o Corps of Engineers, U.S. Army, 13136 South Western Avenue, Blue Island, Illinois.

HARDESTY, JAMES F., BS '51, graduate student, Louisiana State University, Box 6221, LSU, Baton Rouge, La.

HARDIE, CHARLES H., (BS '50, Texas Western), MS Pending. Geologist, Standard Oil Company of California, PO Box 278, Oildale, California. Son, Bradford, born May 30, 1955 in Boston, Mass.

HARPER, MARGARET FRANCES (BS '34, MA '36 Smith) ex '37-38 (See: Mrs. Arthur W. Lehde).

HARRINGTON, FREDERICK L., (BS '50 Wheaton), UI grad. student '50-52, (MS '54 Iowa) is geologist with Skelly Oil Company, Box 41, Evansville, Wyoming. Fred had previously worked at plane table surface survey work and uranium prospecting for Skelly. He is now doing subsurface and stratigraphic studies between sitting on wells at the "Oil Capitol of the Rockies", Casper, Wyoming.

HARRIS, LLOYD A., AB '39, (MS '40 Vanderbilt) is self-employed in petroleum geology, Box 381, Mattoon, Illinois. Lloyd purchased interest of former partner in February 1955.

HARRIS, WILSON G., BS '48, consulting geologist, Box 92, Carmi, Illinois. There are 4 children in the family.

HARRISON, JACK E., (BS '48, DePauw), Ph.D. '51, is assistant to assistant chief geologist for Program, USGS, Geologic Division Program Office, GSA Building, Washington 25, D. C. Jack, Joan, and children, Karen Sue (5 1/2) and Christine and Judith (3 1/2) stopped in at the office in July on their way East from Denver. They are living in Alexandria, Va., at 56 Ancell Street. They see the Sohls and Boardmans regularly; the Pattersons and the Schultzes occasionally.

HARRISON, JOHN A., (BS '40 Arkansas), MS '48 is associate geologist with Illinois Geological Survey. John's work at present is in coal petrology and petrography. His wife, Ernestyne has her MS in education and is teaching in South Side School in Champaign. They have two daughters, Susan Diane (11) and Cheri Jill (9). They live at 2006 Boudreau Drive, Urbana, Ill.

HARRISON, JOHN V., staff '51-52, Dept. of Geology, University Museum, Oxford, England. During the summer Doctor Harrison worked in Turkey in remoter parts of Istranca Mountains, with breathers in Istanbul. In September, after successfully recovering from an ear operation earlier in the year, Janet visited Rome, Athens, Naples and various Greek Islands. They report that they are still enjoying an evening's of Scottish dancing once a week. Dr. and Mrs. White were house guests of the Harrisons at the home in Kennington, Little London, near Oxford in early February, 1956.

HARTS, HANSON W., BS '21, vice president, Warren Petroleum Corp., Box 1589, Tulsa, Oklahoma.

HARTSHORN, ANN, BS '48 (See: Mrs. Erwin Johannes).

HARVEY, CASTLE J. C., BS '32 is assistant exploration manager, Texas Pacific Coal and Oil Company, PO Box 2110, Ft. Worth, Texas.

HASCH, ROBERT M., BS '50, sales representative, The Carborundum Company, Southport, Maine. He is married and they have 3 children.

HATHAWAY, JOHN C., (AB '50, Colgate), MS '52 is geologist, USGS, North Building, Agricultural Research Center, Beltsville, Maryland. They live at 7107 14th Ave., Takoma Park, Maryland.

HAUBERG, CATHERINE, BS '36 (See: Mrs. Catherine Sweeney).

HAWORTH, CHARLES R., BS '47, district geologist, The Superior Oil Company, 906 Hamilton Building, Wichita Falls, Texas. He and Shirley have 2 sons, Richie (5) and John (2 1/2). They live at 4124 Hughes Drive, Wichita Falls.

HAYES, MARGARET ANN, BS '49 (See: Mrs. George H. Bargh)

HAZLETT, DONALD C., BS '28, Russelville, Indiana.

HEATH, MARILYN, BS '49 (See: Mrs. William E. Johnston).

HEBENSTREIT, HAROLD R., BS '47, 566 Hillcrest, Elmhurst, Illinois.

HEINZ, DAVID M., BS '52, MS '53 is geologist, The Pure Oil Company, Box 311, Olney, Illinois. He and Sue have one boy (2 1/2).

HELLEN, LESLIE P., BS '43, area geologist, The Carter Oil Company, 310 Masonic Bldg., Ponca City, Oklahoma. They have 2 children, Kathy (5) and Leslie Scott (2).

HELMUTH, DARRELL N., BS '50, is development geologist, Standard Oil Co. of California, Exploration Department, PO Box 278, Oildale, California. He and Alice have 2 children, Von (3) and Holly (1 1/2).

HENTON, JOHN M., BS '48, MS '49, is eastern regional geologist, The California Co., Mattoon, Illinois. John is supervisor of California Co. exploration operations in 15 northeastern states. He and Dorothy have 3 children, 2 girls, 1 boy.

HERCHER, RICHARD T., BS '50, consulting, 3618 Grape Street, Denver 7, Colorado.

HEROLD, JAMES D., BS '49, 710 Caroline Street, Belleville, Illinois.

HERRING, MRS. DONALD G. (Lois Schulz) BS '42 lives at 400 E. Marigold Street, Altadena, California. Her husband is senior geologist with The Texas Company. He is in charge of trend map. They have 2 children, Grant (5) and Peg (3).

HILL, MARY (BS '44 Colorado), grad. student '45-46 (See: Mrs. Charles L. Rice).

HILL, WAYNE N., BS '53. In the Army and I believe in France.

HISER, HOMER W., BS '51 (Address unknown).

HOCKMAN, GEORGE D., BS '53, geologist with Jas. N. Hockman, Oil Prod., Box 68, Salem, Illinois. George entered the Armed Services in 1953. He reports "I finally got out of the army - I'm still not married".

HOCKMAN, RUTH E., BS '49 (See: Mrs. G. W. Dettinger).

HOFFMAN, CARLYLE K., AB '41, (MA '49, U. of Buffalo), geologist with N. V. Duncan Drilling Company, Box 302, Fairfield, Illinois.

HOKE, CHARLES J., AB '37, is vice president, Murphy Corporation, Murphy Building, ElDorado, Arkansas. Upon graduation in 1937 Mr. Hoke accepted a position with Phillips Petroleum Company in ElDorado. In 1946 he became chief geologist of the C. H. Murphy & Company. In 1950, upon the formation of Murphy Corporation he retained the title of Chief Geologist and was elected to the Board of Directors. In 1951, he was named Assistant Manager, Exploration Department and in 1953, Manager, Exploration Department. In March 1955 he was elected vice president and Exploration Advisor, and coordinator of affiliated companies for Murphy Corporation. Also, in May of 1955 he was elected to the Board of Directors and appointed vice president of Ocean Drilling & Exploration Company, their affiliate doing business in the Gulf of Mexico. He also serves as vice president of Amurex Oil Company, an associated company operating principally in Canada. His family consists of his wife, Floy, and 2 daughters, Linda (15), and Marsha (7). They have been in their new home at 514 East Sixteenth Street for approximately a year, and their many Illini friends are welcome at any time. Mr. Hoke gave me news of Dr. John Chapman and of Michael Kidda.

HOLLANDBECK, MRS. RICHARD (Bonnie), office staff, '50-53. Dick received his Ph.D. in Animal Science in Feb. 1955. In September he accepted a position at Purdue University. They have two children, Jackie and Nancy Lou.

HOLMES, LESLIE A., BS '26, MS '28, Ph.D. '42 is president, Northern Illinois State College, DeKalb, Illinois. His son, Richard, is a junior in University of Illinois Medical School.

HOLMIN, MRS. BERTIL (Lorrie Ross) BS '46, Skyttevagen 22c, Saltsjobaden, Sweden. After a circle tour of Europe, Lorrie went to Sweden first in September 1953 on a fellowship from the Texas Swedish Cultural Foundation. After 5 days in Stockholm she met Bertil and the study tour lengthened into a lifetime. Bertil is vice president of (Swedish Life Insurance Company) in charge of advertising and public relations. Lorrie is thoroughly enjoying life in Sweden and is taking part in theater activities, such as Foreign Intrigue, NBC's Monitor, etc. On March 24, 1955 Robert Erik Ross Holmin appeared.

HOLMQUIST, GEORGE V., BS '48, Department of the Interior, Bureau of Reclamation, 605 E. 10th Street, Loveland, Colorado.

HOLSTON, ALVIN A., BS '27, geologist, Stanolind Oil & Gas Co., Box 591, Tulsa, Oklahoma.

HONEA, ROBERT C., BS '46, MS '48, district exploration manager, Tennessee Gas Transmission Company, Midland, Texas.

HOOVER, JANET, BS '40 (See: Mrs. James Sewell).

HOOVER, W. FARRIN, Ph.D. '39, 3001 S. Bellaire, Denver 20, Colorado.

HOPKINS, M. E., (BS '50, MS '51, Arkansas), UI grad. student '51-55, has passed his prelims for the Ph.D. degree. He is presently instructor, University of Tulsa, teaching sedimentation, geologic surveying, subsurface stratigraphy, and physical and historical geology. Residence: 3102 E. 5th Street, Tulsa 4, Oklahoma.

HOTTINGER, KENNETH W., (ex '40-43), design draftsman, Public Service Co. of Colorado, 2705 Lookout View Drive, Golden, Colorado.

HOWARD, RICHARD H., (AB '52, Colgate), MS '55. Dick is in the Army and was stationed at Fort Dix, New Jersey for basic training. He went in January 1955 for 2 years. (Present address unknown).

HUBBARD, GEORGE D., BS '96, MS '98, (AM '01 Harvard, Ph.D. '05 Cornell) was in the department for 6 years, 1894-1900. He is Prof. Emeritus, Geology and Geography, Oberlin College. He made two trips last summer to SE Ohio to study river terraces; attended the AAG, Memphis, Tenn. meeting in April; the NCGT in Indianapolis in November. Hs is writing a paper and working on a book and two bulletins.

HUNER, JOHN, Jr., BS '34, (Ph.D. '39, La. St. Univ.), is consulting geologist, independent, 4665 Tulane Drive, Baton Rouge 2, Louisiana.

HUSE, MRS. ERLE SANBORN (Lois Elaine Titus), AB '45 lives at 1580 Elmwood Ave., Rochester 20, New York. Her husband is chemical engineer with Eastman Kodak Company. They have 2 sons, Stephen (3), and Brian (5 weeks). They belong to Illini Club and see other alumni occasionally.

HUXEL, CHARLES J., BS '55 is graduate student assistant at the State University of Iowa and lives at 538 S. Gilbert. Iowa City, Iowa.

IRISH, E. J. W., (AB '39, MS '40, British Columbia), Ph.D. '49, Geological Survey, Ottawa, Ontario, Canada. He and Ursula have 3 children, John, David and Stephen.

IRVIN, WILLIAM C., BS '47, MS '48 is instructor, Idaho State College, Pocatello, Idaho. They have 2 children, a son, Goeffrey; a daughter, Rosalind Carla, born Jan. 8, 1955. The summer of 1955 was spent in New Mexico on uranium exploration for Westvaco. They spent Christmas in Illinois, the first time back in five years.

IRWIN, MELVIN L., BA '40, MS '41, is senior geologist, Shell Oil Company, 1845 Sherman Street, Denver, Colorado. He and Evelyn have 2 children, Vicki (13) and Michael (3).

IRWIN, RAYMOND L., BS '49, sales engineer, Blue Diamond Corp., 2819 Santa Paula Court, Sacramento 21, California. In December, as many of you will recall, the Sacramento and San Joaquin valleys were being subjected to severe flooding.

IZZARD, MRS. W. R., (Kathryn Richart) AB '46 (Address unknown).

JACKSON, HOWARD O., BS '51, 576-B Merriewood, Oakland 11, California.

JAHN, PAUL F., BS '55 is assistant geologist with the Armour Research Foundation, 35 West 33rd Street, Chicago, Illinois. He is presently attending Illinois Institute of Technology on part-time basis. He hopes to go on for the MS at Northwestern University. Residence: 8561 State Road, Oak Lawn, Illinois.

JANICKI, MURIEL, AB '42 (See: Mrs. Nicholas Tannaci)

JARL, EDWARD L., AB '36, 1141 Judson Avenue, Evanston, Illinois.

JOHANNES, MRS. ERWIN (Ann Hartshorn) BS '48 lives at F-1 Sapphire Manor, Brevard, North Carolina. They have two girls, Janet Lee (3) and Carol Lynn, born Sept. 9, 1955.

JOHANNSEN, ALBERT, BS '94, (BS '98, Utah; Ph.D. '03, Johns Hopkins), Box 566, Winter Park, Florida. He is Professor Emeritus, University of Chicago, '37. He is author of 10 text books on petrology.

Latest publication, "House of Beadle and Adams and Its Dime and Nickel Novels", 2 vols. 1950.

JOHN, FRED S., BS '50 is interpreter, Offshore Exploration Group, Inc., 2128 West Alabama, Houston, Texas. He is married and working on advanced degree at University of Houston.

JOHNS, WILLIAM D. (Bill), (AB '47, Wooster), MS '51; Ph.D. '52 is assistant professor of geology, Washington University, St. Louis, Missouri as of September 1, 1955 He is teaching mineralogy and is engaged in setting up a clay minerals laboratory. After his Ph.D. in '52 Bill worked for two years, under the direction of Doctor Grim of the department, on Recent Sediments of the Gulf of Mexico. In 1954 he was assistant professor in the department, teaching courses in engineering geology and sedimentary petrology while Doctor Hough was on assignment to India. He and Mariana have 3 children, Sydney (5 1/2), Susan (3 1/2) and David born January 28, 1956. They live at 29 Rosemont, Webster Groves 19, Mo.

JOHNSON, ARTHUR A., AB '42, 2045 Chiles Avenue, Reno, Nevada.

JOHNSON, DOROTHY, BS '43, MS '45 (See: Mrs. Dan Parmesan).

JOHNSON, GORDON W., BS '53, UI grad. student in Education and working half-time at Illinois Geological Survey, Urbana. He lives at 1601 S. Neil, Champaign.

JOHNSON, ROBERT B., (AB '49, MS '50, Syracuse), Ph.D. '54 is geologist with Carl A. Bays and Assoc., Inc., Box 69, Urbana, Illinois. After his doctorate, Bob was with the Department of Geology at Syracuse before returning to Urbana. During the fall semester he held a part-time appointment as lecturer at the University teaching the Geophysical Prospecting course, Geol. 351.

JOHNSON, THELMA (office staff '28-40) married Carleton A. Chapman (Staff). They have one child, Johnny (13). Thelma is very active in civic affairs, this year serving as President of the League of Women Voters.

JOHNSTON, WILLIAM E., BS '49 and MRS. JOHNSTON (Marilyn Heath) BS '49, 704 N. 12th, Mt. Vernon, Illinois. Bill is manager, Commercial Credit Corporation of Mt. Vernon. Marilyn writes that they are happy to be living again in home territory. For several years they were in Jefferson City, Mo. They have purchased a 5-room house. Marilyn has been helping with the Girl Scouts, looking forward to awarding the geology merit badge. Shelley, their 4-year old daughter is unhappy that she isn't big enough for school.

JONAS, EDWARD C., (BS '44 Rice Inst.), MS '52, Ph.D. '54 is assistant professor, University of Texas, Dept. of Geology, Austin 12, Texas. He is teaching crystal chemistry and geochemistry with research on clay minerals (Montmorillonite).

JORDAN, ELLEN, AB '45 (See: Mrs. Frederick A. Shannon).

JUHRE, MRS. W. E., (Caryl Jean Thompson), BS '44 (Address unknown).

JURGENS, RUSSEL E., BS '34, is vice president and general manager of McCarty Advertising Agency, 1500 Jackson, Suite 826, Dallas, Texas. Residence: 3425 Caruth.

KASTNER, NORMAN E., BS '56 lives at 1322 Kraft Avenue, St. Louis, Missouri. He is working temporarily for Illinois Central, awaiting call to service.

KAYSSER, DONALD R., BS '55, Company "B", 12th Bn., ARTC, Fort Knox, Ky.

KELLY, ROBERT A., BS '42 is owner-operator, Shure Oil Co., RR 1, Mt. Carmel, Illinois.

KENNEDY, LUTHER E., AB '15, AM '15, Ph.D. '20 is independent consulting geologist, 1735 South Victor Street, Tulsa 4, Oklahoma. He is a member of AAPG, Sigma Xi, Presbyterian Church. Co-author with others: USGS Bulletin 900, 1938. He is married to Lillian D. Dole, UI AB '15, AM '16. They have one daughter, Dorothy (Mrs. F. R. McKenna) of Albany, California, and three grandsons.

KENNEDY, ROBERT H., BS '40, research metallurgist, Inland Steel Company, East Chicago, Indiana.

KENNEDY, VIRGIL J., BS '47 MS '48 is district geologist, Northern District, Shell Oil Company, PO Box 1509, Midland, Texas. He and Shirley have 2 boys, Bruce (6) and Douglas (1). They live at 310 E. Cottonwood.

KERN, FRED, BS '48, 335 So. Monroe, Pittsfield, Illinois.

KESLING, ROBERT V., (AB '39 DePauw), MS '41, Ph.D. '49, is with Dept. of Geology, Museum of Paleontology, University of Michigan, Ann Arbor, Michigan. Christmas greetings to Dr. Wanless contained a picture of the family, Bob, Amelia, Bobby and Brad.

KIDDA, MICHAEL L., (BS '49, Millsaps), MS '53, is geologist with Murphy Corporation of Shreveport, La. Two boys in the family, Kip (10) and Jim (4). They live at 4509 N. Fairway.

KILIAN, HARRY S., AB '30, MS '32, consulting geologist, 2130 Commerce Bldg., Houston 2, Texas.

KILLINGER, DURWARD W., BS '49, is research representative, Rand McNally & Company, 508 Oneida Street Joliet, Illinois.

KITE, ROBERT L., (BS '50 Kansas, MS Univ. of New Zealand), UI grad. student '50-51 is associate geologist with Humble Oil and Refining Co., 102 D Humble Building Houston, Texas. Bob is working as a photogeologist in geological research section.

KNIPE, RALPH E., AB '27, MS '29 is division geologist, The Ohio Oil Company, Box 120, Casper, Wyoming.

KNODLE, ROBERT D., BS '47, MS '48, is assistant executive secretary, National Water Well Association, Box 222, Urbana, Illinois. This is a trade association covering the entire water well drilling industry. Three children, Jane (11), Loring (7) and Robert (2).

KNOLL, GEORGE C., BS '49, president, Plywood Super Mart, 701 S. Broadway, Denver, Colorado. Mr. Knoll also received a BS degree in mining engineering from University of Arizona, 1952, and was elected to Tau Beta Pi, honorary engineering society.

KNUDSEN, MRS. LOUIE (Elaine Zworykin), AB '48 lives at 1674 No. 118th St Wauwatosa 13, Wisconsin. Her husband is LCDR in the U.S. Navy and now stationed in Milwaukee. They have 3 children, Sandy (5), Vali (3 1/2), and Eric (6 mos.). They hope to be in Milwaukee for 2 years.

KOCHINSKI DONALD C., BS '53, Benld, Illinois.

KOENIG, KARL J., BS '41, MS '46, Ph.D. '49 formerly with Shell Oil Co. in Texas is now with the Texas A. & M. College, College Station, Texas.

KRAGE, JOSEPH, AB '47, 1151 N. Damen Avenue, Chicago 22, Illinois.

KRATZ, MURIEL (office staff '48-51) lives at 2954 Madison Avenue, Granite City, Illinois. Her husband, Paul, teaches in Granite City. They have 3 children, Linda, William Paul and Robert David.

KRAYE, ROBERT F., BS '47, MS '48, is party chief - Exploration Division of the Atlantic Refining Company, Box 2819, Dallas, Texas. Bob recently worked out of Rawlins, Wyoming. They have 2 children.

KRETSCH, DONALD L., (AB '52, Augustana, MA '55, Missouri), UI grad. student '52-53, is now a private in U.S. army. Ft. Winfield Scott, Presidio, San Francisco, California.

KRUEGER, ROBERT H., BS '52, 2324 W. 41st St., Chicago 9, Illinois.

KULL, DAVID J., BS '48, division exploration manager, Shell Oil Company, Wichita, Kansas. Dave returned Feb. 1956 from 6 months special assignment at The Hague, Netherlands office of Royal Dutch-Shell group of oil companies.

KUMMEL, BERNHARD, staff, '48-51, Museum of Comparative Zoology, Harvard Univ., Cambridge, Mass.

KUNTZ, CHESTER H., AB '39, Laura, Illinois.

LACY, WILLARD C., (AB '38 DePauw), MS '40, (Ph.D. '50 Harvard) is professor of geology, University of Arizona, Tucson, Arizona. Dr. Lacy was former chief geologist with Cerro de Pasco Corp of Peru, S.A. There are 6 children in the family, John, in junior high, Carol, 6th grade, Marian, 3rd, Barbara, Kindergarten, and Linda and Martha, pre-school age. Residence: 4034 E. Burns, Tucson.

LAMAR, JOHN E., (BS '20, Chicago), staff '20-21, is geologist and head, Industrial Minerals Division of Illinois Geological Survey, Urbana. A daughter, Miriam, is a junior at Illinois.

LAMB, ROBERT R., BS '47, MS '48 is geologist with Atlantic Refining Company, Box 895, Lake Charles, La.

LANE, PHILLIP J., (AB '49 Indiana), MS '50, is assistant division geologist, Continental Oil Company, 203 Carondolet Bldg., New Orleans, La.

LANE, ROBERT W., BS '49, (MS '51 S. Dak.) is geologist with Continental Oil Company, Box 680, Casper, Wyoming.

LANG, WILLIAM G., BS '48, is division production geologist, Shell Oil Company, 850 1st Natl. Bank Bldg., Oklahoma City, Okla.

LANGER, MILTON F., AB '51, MS '55 is geologist with Pasotex Petroleum Company, Box 976, Ardmore, Oklahoma. He is with the exploration division of a wholly owned subsidiary of Standard Oil Company of Texas.

LARNER, MRS. FRANK H., (Verlee Billings) BS '48 lives at 504 W. 2nd, Aberdeen, Washington. Her husband is a CPA in partnership with an accounting firm there. They have 3 children.

LARRABEE, DAVID M., (AB '32 Dartmouth), AM '36, is staff assistant for nonmetals, Mineral Deposits Branch, USGS, Washington 25, D. C.

LARSON, CARL L., AB '29, MS '30 is division manager, Stanolind Oil and Gas Co., Box 40, Casper, Wyoming.

LAVINE, E. R., AB '48, MS (physics) '49, 1162 S. Bundy Drive, Los Angeles 49, Calif.

LAWLESS, MRS. JOHN C. (Dorothy L. Rasmussen) BS '46 - Address unknown.

LAWSON, HERBERT, AB '34, 105 W. First South, Mt. Olive, Illinois.

LEE, C. DENARD, BS '27, MS '30 is chairman, Science Department, University School, RR 2, Walters Road, Chagrin Falls, Ohio.

LEHDE, MRS. ARTHUR W. (Frances Harper) BS '34, (MA '36, Smith) lives in Beaucoup, Illinois (Box 57). Her husband has an insurance agency. They have 2 children, Tony (13) and Neva (7). Art, Frances and the children were back for Homecoming. Tony's comment "It surely is a lot of school", as many of you will agree.

LEIGHTON, MORRIS M., staff '19-22, Chief Emeritus, Illinois Geological Survey, continues to keep busy with research work. Residence: 611 W. Pennsylvania, Urbana.

LEIGHTON, MORRIS W., BS '47, (MS '48, Ph. D. '51 Chicago) is research geologist, The Carter Oil Company, Box 801, Tulsa, Oklahoma.

LEONARD, ROBERT W., BS '55, 203 E. Fellows, Dixon, Illinois (home). Understand he is now in the Army.

LESTER, JOHN L., BS '37, MS '39, owner, consultant, Box 249, Centralia, Illinois. Family of wife, and 2 children, Joan (8) and David (10).

LEVISH, MURRAY, (AB '52, N. Y. University), MS '55 is geologist, USGS, Military Geology Branch, Washington 25, D. C. Residence: 402 Gallatin St., N. W., Washington 11, D. C.

LEWARK, JAMES E., BS '39, MS '40, is division exploration manager, The Carter Oil Company, Box 563, Mattoon, Illinois.

LEWIS, PAUL E., AB '40 (Address unknown).

LIEB, 1/Lt. WILLIAM D., BS '52, Artillery, U. S. Army, Waterloo, Illinois. Bill is presently battery commander of Headquarters Battery 86th AAA Missile Battalion. Due to ship overseas to the Pacific Theatre in April, 1956.

LIEBERMAN, ROBERT, BS '49, 3485 Fish Avenue, Bronx 69, New York.

LINDLEY, KEITH L., BS '37, is div. supt. Gulf Coast, Sunray-Mid Continent Oil Co., 5217 Drew Station, Lake Charles, La.

LIPPMANN, FRIEDRICH, UI post-doctoral fellow, '54-55 was married in November 1955 to Christa Berger. They live at 20b Bovenden, bei Gottingen, Germany.

LITTLE, LOUIS T., BS '42, (MS Chicago), (Address unknown).

LITTLEJOHN, ROBERT V., (AB '48 Colorado), UI grad. student '48-49 is partner in firm of consultant geologists, McKay & Littlejohn, Box 124, Robinson, Illinois. He and Audry have 2 boys (4 1/2) and (8 months).

LIVESAY, ANN, BS '44, MS '45 (See: Mrs. M. D. Sutton).

LIVINGSTON, PARK C., BS '30 (JD '38 John Marshall Law School), vice president and general counsel, Dean Milk Company, 3600 N. River Road, Franklin Park, Illinois. He has been a member of the University of Illinois Board of Trustees since 1941. During the years 1943-48 and again 1951-54 he was President of the Board. He resigned as President in 1954 to devote more time to other work.

LLOYD, RONALD M., BS '52, MS '53, 4029 Ponce De Leon Boulevard, Coral Gables 46, Florida.

LOCKER, WALTER A., (AB '48 Wooster), MA '50, geologist, Sohio Petroleum Co., PO Box 2007, Midland, Texas. Walt, Fran and the children are getting some "geography" with Sohio. They have lived in east Texas, south Texas, Wyoming, Oklahoma City and now west Texas. They have 4 children, Lee Ann (7), Walt III (5), Mike (4) and Karl (2).

LOHR, JAMES B., BS '50, 529 N. Claremont, Chicago 12, Illinois.

LOHR, MARGARET, BS '51 (See: Mrs. Robert L. Brown).

LOVE, WILLIAM W., AB '28, MS '29, Ph.D. '35, is director of research, Dowell Incorporated, PO Box 536, Tulsa, Oklahoma. Mrs. Love, the former Almyra Dameier, received her AB '29 and MA '30 from UI in geography. Their son, Bill, is a sophomore at the University of Arkansas.

LUCAS, JENNIFER, (BA '54 Oxford), MS '55, is working on her doctorate under Doctor Wanless. She spent last summer in Nova Scotia doing research work. This fall she and Michael H. Rogers, research associate in astronomy, announced their engagement.

LUDWIG, ROGER G., BS '54, 445 Gramaton Avenue, Mt. Vernon, New York. Understand he is now in the Army.

LYNCH, BERNARD W., BS '47, MS '48, geologist II, Carter Oil Company, PO Box 2895, Wichita, Kansas. He and Marilou have 2 children, Sharon (5) and Bryan (3).

LYNCH, THOMAS W., BS '55 is graduate student in the department working toward an advanced degree.

MCALLISTER, RAYMOND F., (BS '50 Cornell), MS '51 is instructor, Department of Geology, and geological oceanographer, Department of Oceanography at Texas A. & M. College, College Station, Texas. Ray is working toward a Ph.D. in marine geology. He has his own educational TV show called "Oceanography", 1/2 hour, Sat. AM from Galveston. He has done a goodly amount of consulting in marine geology, scientific free-diving and marine

instrumentation. He and Joan have 3 children. Ray sent news of Bob Dietz, Don Baldwin, and Max Silverman. Thanks Ray.

MC CABE, LOUIS C., BS '31, MS '33, Ph.D. '37 is president, Resources Research, Inc., Wisconsin Building, 4435 Wisconsin Avenue, N.W., Washington 16, D.C. The new firm consists of consultants in research and engineering for industry and agencies of federal, state and foreign governments. Dr. McCabe was formerly Scientist Director in the US Public Health Service. He was joined by Frederick S. Mallette, Executive Secretary of the Committee on Air Pollution Controls and Research, manager of the American Society of Mechanical Engineers, and William S. McCabe, consulting geologist of Casper, Wyoming. The company will handle research and development in geology, mining, industrial wastes, water resources, and the economics and supply of conventional and atomic fuels. The aim is to provide a coordinated, readily available source of engineering and scientific talent for industry and government. As new contracts warrant, additional technicians will be employed. Dr. McCabe was geologist for the Mississippi Coal Corporation; entered the Army as a captain in 1941, serving as Chief of Utilities in the Office of the Chief of Engineers; as Deputy War Department Power Procurement Officer, and as a colonel on General Eisenhower's staff in Europe; Chief of the Coal Branch, U.S. Bureau of Mines; Director, Los Angeles Air Pollution Control District; Head of Office of Air and Stream Pollution Research U.S.B.M.; Chief, Fuels and Explosives Division U.S.B.M.; Scientist Director in U.S. Public Health Service, and Staff Advisor on Air Pollution.

Dr. McCabe and family live at 7304 Brennon Lane, Chevy Chase 15, Md.

MC CABE, WILLIAM S., BS '34, MS '35, consulting geologist, Box 1861, Casper, Wyoming. (See above concerning Resources Research, Inc.). He has been a geologist for major oil companies for more than 19 years. He has served as district geologist in the Rocky Mountain Area for Superior Oil Company of California, and the Stanolind Oil and Gas Company; as Division Geologist, Rocky Mountain Division Exploration Superintendent, and Regional Geologist for Stanolind. In 1954 he was awarded the Wyoming Geological Association's Frank Morgan Award for Meritorious Achievement. He will be in charge of the Resources Research, Inc., office in Casper.

MC CARRON, DENNIS, BS '56, 1425 E. 61st Pl., Chicago 37, Illinois. Awaiting service call.

MC CLURE, PERRY S., BS '31 is area geologist for southern Louisiana, Shell Oil Company, 1326 Frankfort Street, New Orleans 22, La. He served as Master of Ceremonies at the Alumni luncheon in New Orleans in November.

MC COMMONS, WILLIAM E., BS '47 and MRS. MC COMMONS (Mary Louise Widener) BS '47 live at 6466 Pemberton Drive, Dallas 30, Texas. Bill is consultant. They have 4 children, Jimmy, Bruce, Randy and Scott.

MC CONNELL, WALTER F., BS '49, c/o W. S. McConnell Mining Company, West Salem, Illinois.

MC CORMICK, WADE L., (BS '50, Miss. State), MS '53, Carter Oil Company, Box 1490, Jackson, Mississippi. He spent 3 years in surface geology in Utah, Colorado, Wyoming, New Mexico; past 2 years in subsurface geology in Mississippi and Alabama. He is married and Susan Bridgett was born June 21, 1954.

MC DIVITT, JAMES F., (B.Sc. '49, West. Ontario), MS '51, Ph.D. '54, (on leave from the Canadian Bureau of Mines) is with the Department of Geology, University of Indonesia, Bandung, Indonesia. Jim left Urbana in 1951 to accept a position at the University of Idaho, which he held for 3 years, meanwhile working on his dissertation for his Ph.D. at Illinois. In July 1954 he returned to Ottawa with the Bureau of Mines there and in the fall of '54 when Colombo Plan meetings were being held in Ottawa and the Indonesians requested a geology teacher for their University, Jim was loaned for the job. He left in January '55 for 2 and a half years. His wife, Louisa, and their two daughters, Judith Ann and Janet Kerby followed him within a month. They speak very favorably of their work; are seeing a great deal of the country and are finding many things to keep them busy. Louisa, her sister from Victoria, B.C. and Jim are teaching English at the University in addition to Jim's geology courses. We have had several letters from Jim describing his work, very interesting, but much too long for me to reproduce here; also from his mother who has very generously sent along items of interest.

MC DONALD, ROBERT C., BS '43, 728 Clarence Avenue, Oak Park, Illinois.

MC GEHEE, J. REX, (BS '29 Oklahoma), UI grad. student '31-32, is area stratigrapher, Shell Oil Company, 1845 Sherman Street, Denver 3, Colorado. They have 2 daughters (9) and (4).

MC GINNIS, JEAN, AB '40 (See: Mrs. Edward J. Callahan).

MC GREGOR, JACKIE D., BS '55, 609 W. Elm Street, Olney, Illinois (home). He is in the army, I believe at Fort Knox.

MC KENZIE, WILLIAM L., BS '50, 1700 Madison Avenue, Evansville 14, Indiana.

MC MACKIN, S. CARL, BS '27, MS '28, c/o Kuwait Oil Co., Ltd., Apartado 45, Barcelona, Venezuela, S.A.

MC NITT, PVT. JAMES R., (BS '53 Notre Dame), MS '54 visited us in April. He had just finished basic training and was on his way to Fort Bliss. After receiving his degree he worked for a time with USGS in Washington. Address: Pvt. J. R. McNitt, US 55523571, Btry, C 32 AAA Bn, APO 704, San Francisco, California. Understand he is in Japan.

MACGREGOR, ROB ROY, (BA '36 Wesleyan), BS '40, is teaching assistant, Geology Department, Wesleyan University, Middletown, Connecticut. He also works WAE for USGS, ground water branch, as a field hydrologist. Summer address: PO Box 37, Center Harbor, N. H.

MACVEIGH, EDWIN L., AB '30, MS '32 is consulting mining geologist, Box 425, Haileybury, Ontario, Canada. Their 6th child, Robert Chapin, was born April 15, 1955; 5 boys, 1 girl.

MACY, JAMES O., BS '54, chief geologist, Allen Bros. Oil Producers, Box 86, Albion, Illinois.

MAJOR, C. FRED, JR., BS '52, MS '54 is geologist, Shell Development Company, 3737 Bellaire Blvd., Houston 25, Texas. Fred and Mary Lois have two daughters, Deborah Jean and Mary Elizabeth.

MALAN, ROGER C., BS '51, geologist for US Atomic Energy Commission, Box 7647, Lakewood, Br., Denver 15, Colorado. Roger is presently engaged in reconnaissance for and geologic studies on uranium occurrences in Colorado. He has done similar work with the AEC in Wyoming, New Mexico, Texas and Arkansas. He was married in July 1953; (wife, Dolores).

MARTIN, PHILIP U., (BS '49 Wooster), UI grad. student '49-50, (BD Princeton Theological Seminary '54), is pastor, Third Presbyterian Church, Chicago, Ill. Residence: 720 S. Oakley Blvd., Chicago 12, Illinois.

MASON, ARNOLD C., (BS '28 Yale), MS '54, Ph.D. '55 is geologist, USGS, Military Geology Branch, Washington 25, D.C.

MASON, JAMES L., JR., BS '52 is owner, Gulf Plains Petroleum Company, 264 Meadows Building, Dallas, Texas. Jim says "the Southwest is professionally and domestically agreeable - now have seven children".

MATHY, LAMBERT J., BS '47, 118 S. I-OKA Avenue, Mt. Prospect, Illinois.

MAXEY, JULIAN S., (B.Sc. '35, Ohio State), UI grad. student '38, (M.Sc. '40 Ohio State), is geologist, State Highway Testing and Research Laboratory, Ohio State University, Columbus 10, Ohio.

MELROSE, DANIEL C., BS '49 is geologist, The Nation Oil Company, Apt. 7-B, Cheffield, Fairfield, Illinois. He and Betty have 2 daughters, Debbit (4 1/2) and Caren (10 months).

MERCURIO, RICHARD N., (BS '52 Bates), MS '54, is geologist, The Carter Oil Co., 310 Masonic Building, Ponca City, Oklahoma. He is presently doing surface mapping in Osage County, Oklahoma, under the administrative direction of Leslie P. Hellen, BS '43. Dick expects to be transferred back to Liberal, Kansas in early spring.

MESAROS, FRANK J., BS '53, 1000 S. Waiola, La Grange, Illinois.

MESCHER, PAUL A., BS '49, (MA '50, Wyoming), is geologist, 711 North "D" St., Midland, Texas.

MEYER, ALFRED H., AB '21, AM '23, (Ph.D. '34 Michigan), Professor and Head, Department of Geography and Geology, Valparaiso University, Valparaiso, Indiana. He also attended the University of Chicago and Northwestern.

MEYER, MARVIN P., BS '41, MS '46 is soils engineer for Corps of Engineers, Chicago District Office, F. & M. Br., Corps of Engineers, 475 Merchandise Mart, Chicago 54, Illinois.

MEYERHOFF, HOWARD A., AB '20 (MS '22, Ph.D. '35, Columbia), is executive director, Scientific Manpower Commission, Washington, D. C. Residence: 5417 Mohican Rd., Glen Echo Heights, Washington 16, D.C. Dr. Meyerhoff gave a lecture here in November.

MIFFLIN, MARY E., BS '53 (See: Mrs. J. P. Freeman).

MILLER, DAVID G., BA '55, is geologist, Pan American Production Co., Box 1290, Abilene, Texas.

MILLER, DON J., (BA '40 Wooster), MS '42 is geologist, USGS, Alaskan Branch, 4 Homewood Place, Menlo Park, California. He and Carmel have 3 children, Mimi (14), Jan (6) and Marty (1). Residence: 750 40th Avenue, San Francisco.

MILLER, FORREST J., UI grad. '21, is with Arkansas Fuel Pil Corp., Wichita Falls, Texas.

MILLER, F. STUART, (AB '28 Williams; AM '31 and Ph.D. '34 Harvard), staff '36-37, is vice president, Pacific Tin Consolidated Corp., 120 Broadway, New York, N. Y. Residence: 49 Mendota Avenue, Rye, New York.

MILLER, ROBERT L., AB '42, Dept. of Geology, University of Chicago, Chicago 37, Ill.

MILLER, WILLIAM F., (AB '51 Dayton; BS '54 St. Joseph's), MS '55 is geologist, Pan American Production Company, Box 1290, Abilene, Texas.

MILLICAN, MARTHA (office staff, '53-55) lives in Mt. Sterling, Illinois. Arlo is with the newspaper there.

MILLIGAN, JAMES K., BS '35, Engineer and manager, W. T. McKune Metal Products Co., 222 Park View Ave., Piedmont 10, Calif.

MINARD, DAVID L., BS '45, Lion Oil Company, New Orleans, La.

MINK, RONALD D., BS '55 left in August to work for Creole Oil Petroleum Corp., Caracas, Venezuela.

MOORE, E. GLENDON, AB '41 (MS '42 Vanderbilt) is beach analyst, U.S. Navy, 2109 Sherwood Court, Falls Church, Virginia. His family consists of a wife and one daughter.

MOORE, FRED E., (BS '48 Colorado; MS '50, St. Louis), UI grad. student '51, 1627 Garfield Ave., Laramie, Wyoming.

MOORE, MRS. JEAN M. GEISLER, BS '48, MS '49 is consulting geologist, 5310 Cortelyou Lane, Houston 21, Texas. She has started a new business renting logs, maps and information to the independents and small companies called "The Devonian Log and Geological Service Club, Inc.".

MOORE, WAYNE E., BS '46 (MS '48, Ph.D. '50 Cornell), is associate professor of geology, Virginia Polytechnic Institute, Blacksburg, Virginia. Family consists of wife, Effie Post Moore, '42, and 3 daughters, Carol Ann, Sarah Ruth and Irene Marie.

MORGAN, JOSEPH K., BS '50, (MS '51, Wyoming) was promoted to district geologist, Skelly Oil Company, PO Drawer 312, Sterling, Colorado. He handles activities in the Denver Basin.

MORIWAKI, BETTY, BS '49 has been with the USGS, Military Geology Branch. Word has been received from Arnold Mason that she was married to Arthur Kumamoto on January 28 in Los Angeles where she has been working in the Survey's Public Information Office. Art is a good friend of Arnold's on leave from his job with the Engineers in Tokyo in map intelligence. They will live in Tokyo but Betty will not be working.

MORTIMER, JOHN D., (BS '48 Dartmouth), BS '49, district office, Atlantic Refining Company, 830 Kennedy Building, Tulsa, Oklahoma.

MORTON, ROBERT B., (BS '41 Birmingham-Southern), MS '43, is district geologist, Sunray Mid-Continent Oil Company, Box 498, Corpus Christi, Texas. Bob and Mildred have 2 boys, Robert, Jr. (8) and David Christopher (3).

MOUNTJOY JOSEPH B., BS '37, partner, Mountjoy Hybrid Seed Company, Atlanta, Illinois.

MOYER, FARIS K., BS '39 is with The Texas Company in New Orleans. He and Ruth have 3 boys, Edward, Norman and Jack. They live at 531 Gordon Ave., Harahan, La.

MUELLER, JOHN E., BS '54, 2050 W. Farragut, Chicago 25, Illinois (home).

MUELLER, JOSEPH C., BS '54, MS '55 is geologist with Continental Oil Company. They wrote me in March, c/o General Delivery, LaFayette, Louisiana where they will be until May 30. After leaving last June they were sent to East Glacier Park, Montana where Joe worked with K. D. White, consultant for Continental, and who remembers Professor DeWolf from his survey days with the Illinois Geological Survey. They were later transferred to Oklahoma City, and thence to Louisiana.

MUENOW, RICHARD A., BS '56, Stanolind Oil Company, Shreveport, Louisiana.

MULLER, ERNEST H., (BA '47, Wooster), MS '49, Ph.D. '52 is assistant professor, Cornell University, Ithaca, New York. Ernie had formerly been with the USGS. They have 2 children, David Stewart born June 2, 1955 and Ruth Anne (3). Ernie worked in Chautauqua County in western New York last summer.

Dr. White was a dinner guest of the Mullers last October at the time he gave his Gurley lecture at Cornell.

MURPHY, ROBERT E., JR., BS '50 (MS '53 Emory Univ.) is geologist with Standard Oil Co. of Texas, PO Box 538, Dallas, Texas.

MURRAY, ALBERT N., (AB '22, MS '24 Colorado), Ph.D. '28, since 1928 has been Head, Department of Geology and Geography, The University of Tulsa, Tulsa, Oklahoma. He and Esther live at 1211 S. College Street. Dr. Wanless had dinner at their home during his AAPG tour.

MURRAY, MRS. ALBERT N. (Esther Utzig, AB '24, MS '27), 1211 S. College, Tulsa 4, Oklahoma. She and Dr. Murray have 2 children, a boy and a girl.

MURRAY, HAYDN H., BS '48, MS '50, Ph.D. '51 is associate professor of geology, Indiana University, Bloomington, Indiana. Haydn is also clay mineralogist on the Indiana Geological Survey. Dr. and Mrs. Murray have two children, Steven and Marilyn. They live at 1209 Maxwell Lane, Bloomington, Ind.

MYERS, ROBERT E., (BS '53 DePauw), MS '55, is junior geologist, Pan American Production Company, Box 1409, Oil Center Station, Lafayette, Louisiana. His work consists of sitting on wells and drawing structures of the fields in La.

NEAR, IRVING, BS '49 (Address unknown).

NEER, CARL J., BS '33 is geologist and oil producer, 1532 Bates Avenue, Springfield, Illinois.

NELSON, BRUCE W., (BS '51 Harvard, MS '54 Penn. State), Ph.D. '55 is associate professor, Virginia Polytechnic Institute, Blacksburg, Virginia. See September 1955 issue of MINERAL INDUSTRIES JOURNAL, Virginia Polytechnic Institute for further details

NETZEBAND, WILLIAM F., (BS '21, EM '27 Mo. Sch. Mines), MS '23, is senior engineer, American Zinc, Lead and Smelting Company, Box 870, Joplin, Missouri.

NEWELL, HILDRETH, (BS '52 Wooster), MS '54 (See: Mrs. L. G. Schultz).

NEWTON, WILLIAM A., BS '35, MS '37 is consulting geologist, 2879 Ivanhoe Street, Denver 7, Colorado. Bill attended Stanford Univ. '37-40. He and Brenda have 3 children, Neil (13), Christopher (10) and Nelle (2). Bill was second Chief Illiniwek while at UI.

NICKOLS, DANIEL F., BS '47, is supervisor, Metallurgical Laboratories, Eureka Williams Corp., 604 Peoria Street, Lincoln, Illinois. He and Mrs. Nickols have 3 children, Carolyn (11), Daniel (4) and Elizabeth (2).

NICOLL, THOMAS H., BS '49, RR 2, Box 689, W. Chicago, Illinois.

NOBLE, JUDSON W., BS '50, is independent geologist, 96 Homestead, Mount Vernon, Illinois. He and his wife visited the department briefly on March 16, 1956.

NODINE, DORIS, AB '46 (MS '51, Ph.D. '54 Wisconsin) (See: Mrs. E. J. Zeller)

NOLAN, THOMAS J., JR., BS '48 is district geologist, The Ohio Oil Company, 650 Cherry Street, Terre Haute, Indiana. Transferred from Grand Rapids, Michigan back to Terre Haute, September 1, 1955. They have 7 children. 5 boys and 2 girls.

NOLL, DONALD E., BS '39, is Lt. Colonel, U.S. Marine Corps. Route 1, Box 125, Century, Florida. From 1939 to 1941 he was geologist with the Carter Oil Company of Tulsa, Oklahoma. He joined the Marine Corps in January 1941.

NORRIS, RONALD L., AB '48 is geologist, Cox Drilling Company, Box 575, Owensboro, Kentucky. A son was born to them Aug. 7, 1955.

ODER, CHARLES R. L., (AB '28, AM '29 Virginia), Ph.D. '33 is chief geologist, American Zinc, Lead and Smelting Company, PO Box 372, Jefferson City, Tennessee. His wife, Nell Bramham Oder received her BA in '23 from Hollins College; their son, Robin Roy is at the University of Tennessee majoring in nuclear physics, after spending 2 1/2 years in the U.S. Navy.

OESTERLING, WILLIAM A., BA '43, MS '49 is mining geologist, Western Division with Carl A. Bays & Assoc., Inc. Mailing address: Evans Hotel, Hot Springs, South Dakota. Bill reported that his son, Wynn Alan (9) is quite a cowboy and proud owner of his own saddle. Leigh (7) parted graciously with his tonsils during Christmas vacation. Last summer Bill Lang, Tom Lynch and Mel Weidner, UI geology students, were a big help in the field in the southern Black Hills.

OFFENHISER, JOHN J., BA '49 is geologist, Shell Oil Company, Box 1817, Jackson, Mississippi.

OFFIELD, TERRY W., (BS '53 VPI), MS '55 is 1/Lt., 303 Tacreconron, APO 130, New York.

OFTEDAHL, DR. CHRISTOPHER, staff as visiting assistant professor, 1950, Norges Geologiske Undersokelse, Josefinesgate 34, Oslo, Norway.

Doctor Oftedahl reports that there is no publication received which he reads more closely than the geology "newsletter", reporting on his good friends and his former students from the U.S.

O'HERAN, WILLIAM B., BS '48, is district geologist, The Texas Company, Box 539, Ardmore, Oklahoma. His wife, Jean, is from Ardmore. They have 2 daughters, Kathleen (2 1/2) and Barbara (17 months). Bill has been in Ardmore for the last seven years, the last two as district geologist.

OLDFATHER, HELEN, BS '27 (See: Mrs. K. M. Abbott).

OLIVER, WILLIAM A., JR., BS '48, (MS '50, Ph.D. '52 Cornell) is assistant professor, Brown University, Providence, Rhode Island. He and Jo have one son Bobby (7).

ORKILD, PAUL P., BS '52 is geologist in charge of photogeologic mapping of Colorado Plateau, USGS, Alaskan Branch, Photogeologic Section. Address: 2852 S Buchanan St., Arlington 6, Virginia. His wife, Barbara, is technical assistant, Ball Associates, Oil and Gas Consultants.

OSBORN, HUGH, BS '27 is travelling engineer, Illinois Division of Highways, Effingham, Illinois.

OSMENT, FRANK C., (BS '39 Birmingham-Southern), MS '41, is assistant chief geologist, Stanolind Oil and Gas Company, Box 591, Tulsa, Oklahoma. Previously Frank was in Louisiana and Texas for Stanolind.

OSTERMEIER, SIMEON L., BS '28, Mechanicsburg, Illinois.

OSTROM, MEREDITH E., (BS '52 Augustana), MS '54 is assistant geologist with the Illinois Geological Survey. He and Ann live at 910 W. Lincoln, Urbana.

OSWALD, MARY, ex '44-46 (See: Mrs. Wally Griffitts).

OTTON, EDMOND G., BS '39, MS '47 is district geologist, USGS, 1108 Elbank Avenue, Baltimore 12, Maryland (home).

OTTON, MRS. EDMOND G. (Lucile Fredigke) BS '40 is science teacher, Woodbourne Junior High. Residence: 1108 Elbank Avenue, Baltimore 12, Maryland. Lucile reports that Jimmy is now in the third grade; Janet is six and in the first grade. Lucile flew to Cody, Wyoming last summer to help take 20 senior girl scouts at the All States Encampment on a geology field and camping trip to the Yellowstone and the Grand Tetons. She had a visit with Penny Pendleton in Billings, both going and coming.

PABST, ADOLF, AB '25 (Ph.D. '28 Calif.) is professor of mineralogy, Dept. of Geology, University of California, Berkeley 4, California. Doctor Pabst recently returned from a 7 months absence, spent mostly in Vienna as a Fulbright Research Scholar. He spent some time in England, Germany, the Netherlands and Norway.

PAGE, KENNETH G., BA '51, 2915 College Circle, Corsicana, Texas.

PAINTER, ROBERT L., BS '41, Arabian American Oil Co., Dhahran, Saudi Arabia.

PAMPE, CARL F., BS '41 is chief division geologist, Illinois Producing Division of The Pure Oil Company, Box 311, Olney, Illinois. They have four children, Bill (13), Cheryl (11), Marcia (4 1/2) and Debra (3).

PAMPE, WILLIAM R., BA '47, MA '48 is district geologist, Pure Oil Company, Box 750, Ardmore, Oklahoma. Bill and Jewell have a new son, Eugene David, born November 15, 1955. Bill was in charge of registration for the Ardmore Geol. Society field conference, to be held May 4-5, 1956.

PARKER, EDWIN S., AB '43 (MS '47 Minnesota), is senior geologist for Standard Oil Company of California, 17252 13th Ave., N.W., Seattle 77, Washington.

PARKER, MARGARET A., (BS '43 Northwestern), MS '53 is assistant geologist with the Illinois State Geological Survey. As reported in the last newsletter Peggy spent last year in Australia on a Fulbright Grant for study at the University of Sydney on the analysis of geological data by the IBM technique. She lives at 707 W. Oregon, Urbana.

PARKER, THOMAS R., BS '32, MS '33, Box 305, Central Point, Oregon.

PARKS, BRYAN C., (BS '27, Arkansas), MS '41 is geologist, U.S. Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pennsylvania.

PARMESAN, MRS. DAN (Dorothy Johnson) BS '43, MS '45 lives at 2711 Portsmouth, Houston 6, Texas. They have 3 daughters, Rosalie (4), Mary (3) and Elena (14 months). Her husband is chief engineer of Well Equipment Company.

PARRO, DALE E., BS '49, 804 Fourth Street, Watseka, Illinois.

PATTERSON, BEN A., (BS '53 Monmouth), UI grad. student, '53-55 is geologist with the Atomic Energy Commission, Grand Junction Operations Office, PO Box 81, Green River, Utah.

PATTERSON, DALE D., BS '55 is part-time teaching assistant and graduate student in the department this year.

PATTERSON, MRS. JERRY (Jacqueline), (BA '48 Cornell), MS '51 lives at 8003 S. Clarinda, Rivera, California. They have 2 children Don, born April 1952, and Karen born April 1955.

PATTERSON, SAM H., JR., (BS '40 Coe Coll.; MS '47 Iowa), Ph.D. '55 is geologist with USGS, Mineral Deposits Branch, U.S. Geological Survey Building, Agri cultural Research Center, Beltsville, Maryland.

PATTON, HOWARD L., BS '46, MS '48 is development geologist, The California Company, Residence: 1316 Crawford Drive, Billings, Montana. Pat and family were transferred to Billings from Bismarck last October. They visited the Wanlesses last August as they passed thru Urbana on their way to Margaret's home in Iowa. They have 2 daughters, Ann and Katie.

PATZER, ROGER J., BS '52, 3935 N. Richmond, Chicago 18, Illinois.

PEACE, FRANK S., BS '49 is geologist with Utah Southern Oil Company, 901 Utah Oil Building, Salt Lake City, Utah. His wife was the former Marion Danielson, Monmouth College '49. They have one daughter, Mary Jane, born Jan. 31, 1954.

PEARCE, DWIGHT, AB '23 is vice president, The Lake Co. Agency, Inc., 201 Calumet Bldg., Hammond, Indiana.

PEASE, ROLLIN B., AB '31 lives at 9102 S. Manzanar Ave., Downey, California.

PENDLETON, MARGARET M., (BS '46 Michigan), MS '48 is geologist with Continental Oil Company, Box 1836, Billings, Montana. Residence: 524 N. 23rd St., #15, Billings.

PENN, J. W., (BS '48 Marietta), UI grad. student '48-49 is with Gulf Oil Company, PO Box 811, Saginaw, Michigan.

PERVINSEK, ROBERT J., BS '51 is assistant party chief, General Geophysical Company, Box 267, Purcell, Oklahoma. (Permanent Address: 205 Quarry, Staunton, Illinois).

PETERSON, JOHN E., BS '51, 530 S. Washington, Paxton, Illinois.

PETSOFF, GEORGE J., BS '43 is district geophysicist, Forest Oil Corp., 1610 Denver Club Building, Denver, Colorado. He is married and they have twin boys (4).

PHILLIPS, SCOTT H., (BS '53 Kansas), MS '54 is with the California Company in Jackson, Mississippi.

PIERCE, JACK W., BS '49, MS '50 and MRS. PIERCE (Beverly A. Solliday) BS '50, Box 273, Casper, Wyoming. Jack is geologist with Pure Oil Company.

PLAIN, MRS. JOHN (Ruth Roselle) BS '34, 555 Downer Place, Aurora, Illinois.

POHLO, ROSS H., BS '54, 10025 S. Forest, Chicago 28, Illinois.

POLK, DONALD J., BS '34 is coordinator of Crude Oil Supply and Transportation for Esso Standard Oil Company of New Jersey, Box 1728, Shreveport, Louisiana. He had one year of graduate work in 1934-35 at UI.

POOR, RUSSEL S., BS '23, MS '25, Ph.D. '27, (S.Sc. Honorary, Birmingham-Southern '55) and MRS. POOR (Cleta York) BS '25 live at 111 N.W. 26th St., Gainesville, Florida. Doctor Poor is Provost, University of Florida, Gainesville. The area of the University of Florida for which Provost Poor is administratively responsible is the J. Hillis Miller Health Center, which includes The College of Medicine, College of Nursing, College of Pharmacy, and the Cancer Research Laboratory. Provost Poor has been connected with Alabama Polytechnic Institute, as Dean; Chairman of University Relations Division, Oak Ridge Institute of Nuclear Studies; and National Science Foundation.

PORTER, JOHN S., (BS '53 Kansas), MS '54 is exploration geologist, The California Company, PO Box 510, Pensacola, Florida. Jack visited the department in February.

POTSCH, JOHN P., BS '38, consulting geologist, Mattoon, Illinois, 2824 Walnut Ave.

POWERS, RICHARD J., BS '56, is assistant at the Ill. Geological Survey, Urbana, and doing graduate work in the department.

POWERS, ROGER A., BS '53 is Ensign, U.S. Navy Reserve, U.S. Naval Air Station, Hutchinson, Kansas.

PRESCHER, WILLIAM F., BS '42 is senior geologist, Sun Oil Company, PO Box 1732, Casper, Wyoming. Residence: 328 Sinclair Place.

PRESTON, ARTHUR F., BS '53 is geologist with Dean and Hallowell, 311 W. Robinson, Carmi, Illinois.

PRETZER, ELIZABETH (BS '43 Brown; MS '46 Columbia) (See: Mrs. Raymond Rall).

PRYOR, WAYNE A., (BS '52 Centenary), MS '54 is assistant geologist, Illinois State Geological Survey and working toward the Ph.D. in the department. He and Annie visited her parents and many friends in Germany last summer. They went by air and reported a wonderful time.

PULLEN, M. WILLIAM, JR., (AB '38 Colgate, MS '40 Syracuse), Ph.D. '50 is director of Geology and Geophysics with Carl A. Bays & Associates, Inc., PO Box 65, Urbana, Illinois.

QUINN, HOWARD E., (Ph.D. '32 Harvard), staff '21, is Head, Department of Geology, Texas Western College, El Paso, Texas.

QUIRKE, DOROTHY, BS '42 (See: Mrs. R. B. Reedy).

QUIRKE, TERENCE T., JR., BS '51 (MS '53 Minnesota) is teaching assistant in Department of Geology, University of Minnesota, Minneapolis 14, Minnesota. He is working toward his Ph.D. degree. Terry visited department at Christmas.

RADEMACHER, I. E., BS '32, (MA '34 Education) lives at 417 W. Tremont, Hillsboro, Illinois. He has been teaching at Hillsboro for 20 years. His wife is the former Emma Lou Fincham of Pratt, Kansas whom he met in Boulder, Colorado. They have one son, Lon, who is a freshman in the College of Engineering this year. Mr. Rademacher visited us last summer.

RAISH, HENRY G., AB '31 is senior staff geologist, Stanolind Oil and Gas Company, PO Box 1410, Fort Worth 1, Texas.

RALL, RAYMOND W., BS '50, MS '51 and MRS. RALL (Betty Pretzer) (BS '43 Brown, MS '46 Columbia) live in Midland, Texas. Ray is geologist with Pure Oil Company, Box 671, Midland. Betty was on the campus in January making plans for registration in absentia and in preparation of finishing work for the Ph.D. degree which she hopes to receive in June. Betty and Ray have 3 children, Mary (5 1/2), Bobby (4) and Lucille (1 1/2).

RALSTON, ROY B., (BS Cornell College), ex '40-41 is division manager, Phillips Petroleum Company, 903 Old National Bank Building, Evansville, Indiana.

RANDALL, ALLAN D., (BS '53 Conn.), MS '55 is geologist GS-5, USGS, Ground-Water Branch, PO Building, Middletown, Connecticut. Allan was due for physical examination in January; and thence to the Army.

RAPP, RICHARD K., BS '49, 12th and Teller St., De Mershman Garden, Apt. 16, Grand Junction, Colorado.

RASMUSSEN, DOROTHY L., BS '46 (See: Mrs. John C. Lawless).

RASMUSSEN, HAROLD C., BS '54, 1004 S. 4th St., Table Grove, Illinois.

READ, MASON K., (BS '14 Denison Univ.), MS '16, chief, Geology Unit, Los Angeles District Corps of Engineers, Dept. of the Army, Los Angeles, California.

REASONER, MELTON A., (ex '32) is vice president and general manager, Canada Southern Petroleum, Ltd., 6th Floor, Petroleum Building, Calgary, Alberta, Canada.

REBOK, MRS. CARL (Patricia Cole), AB '48, 2231 E. 68th Street, Kansas City 5, Mo.

REEDY, MRS. R. B. (Dorothy Quirke) AB '42 is engineering draftsman for Hasie and Green Engineering Company, 3108 46th Street, Lubbock, Texas. Dorothy's husband is traffic manager for Lubbock Chamber of Commerce. They have 2 children, Nancy (8) and Ronald (5 1/2).

REGORZ, PAUL J., BS '53 (Address unknown).

REID, COURTLAND T., BS '40, MS (geography) '41, is superintendent, U.S. Dept. of the Interior, National Park Service, Guilford Courthouse Natl. Military Park, Greensboro, North Carolina. He transferred from the position of park naturalist at Mammoth Cave National Park to his present position on September 1, 1955. Address: Rt. 9, Box 327, Greensboro, North Carolina.

RENO, DARRELL H., BS '42, LLB '48 has been practicing law in Pontiac since 1948. 310 Sterry Building, Pontiac, Illinois. He married Ruth Burger, BS '41 Home Economics in 1942. They have two sons, Brett Chadwich (3) and Douglas Moore (2). Radio Amateur call W9CZP.

REYNOLDS, ROBERT R., (BS '39 Chicago), MS '42 (Address unknown).

RHODES, MARTIN M., BS '49, 542 S. Washington, Park Ridge, Illinois (home).

RICE, MRS. CHARLES L. (Mary Hill) (BA '44 Colorado), UI grad. student '45-46 is mining geologist, California Division of Mines. 40 Lee Street, Mill Valley, California.

RICE, VILAS C., BS '41, LLB '50 is an attorney, Box 81, Carthage, Illinois. He is also Master in Chancery, Hancock County.

RICH, JOHN L., (AB '06, AM '07, Ph.D. '11 Cornell Univ.), staff '11-17 is Professor Emeritus of Geology, University of Cincinnati, Cincinnati, Ohio. Dr. Rich retired as of July 1 1955. He was Distinguished Lecturer, AAPG, 1955.

RICHARD, KATHRYN, AB '46 (See: Mrs. W. R. Izzard).

RIGGS, ELLIOT A., (BS '51, MS '53 Wisc.), UI grad. student, '53-54 is Lieutenant, U.S. Navy, Fleet Weather Control. Address: Lt. Elliott A. Riggs 585608/1105 FWC, Box 16, Navy 214, c/o FPO, New York, N. Y.

RIDER, OSBORNE L., BS '49, Phoenix, Maryland.

RIOUX, ROBERT L., (BA '53 N.H.), MS '55 is doing graduate work toward the Ph.D. in the department. He is Shell Fellow this year.

RIVES, WILLIAM B., BS '40 is sales manager, Lofgren Distributing Company, 2746 15th Ave., Moline, Illinois.

ROBERTS, CARROLL N., (AB '41 De Pauw), UI grad. student '41-42 is with U.S. Bureau of Mines, Special Minerals Branch, Bluemont, Virginia.

ROBERTSON, DONELSON A., (BS '49 Centenary), MS '51 is district geologist, Shell Oil Company, PO Box 2547, Billings, Montana. Don, Joan and family were transferred to Billings from Denver in November and were finding it cold. Residence: 1816 Miles Avenue.

ROGERS, ROBERT E., BS '43, MS '48 is district geologist, Skelly Oil Company of Shreveport, La. (They have a new office building in Shreveport). Residence: 1309 Hassett St.

ROLFE, DEETTE, BS 1900, AM 1904, lives at 506 W. Florida Avenue, Urbana, Illinois. This fall she attended the 55th anniversary reunion of her class held in the Illini Union.

ROLLEY, MRS. JOHN W. (Mary E. Barnes) (BS '42 Kentucky), MS '48 lives at 14355 Anola, Whittier, California. They have 2 children, David (3 1/2) and Robert, born April 23, 1955.

ROSELLE, RUTH, BS '34 (See: Mrs. John Plain).

ROSS, CLARENCE S., AB '13, AM '15, Ph.D. '19 is geologist with USGS, Washington 25, D.C. Residence: 7133 Maple Avenue, Takoma Park, Md. Doctor Ross was relieved as Chief, Section Petrology in 1946 and since that time he has been almost completely free for research work, largely volcanologic research.

ROSS, LORENA, BS '46 (See: Mrs. Bertil Holmin).

ROTH, ROBERT S., (BA '47 Coe College), MS '50, Ph.D. '51 is geologist, Mineralogy and Petrology, National Bureau of Standards, Div. 97, Washington, D.C. He was married June 13, 1954 and they have one son, Stanley Allen born Sept. 29, 1955.

ROTTER, HAROLD, BS '48, (MS June 1956, Oklahoma), Box 2061 Blvd. Sta., Norman, Oklahoma.

ROY, SHARAT K., AB '22, MS '24, (Ph.D. '41 Chicago), Chief Curator of Geology, Chicago Natural History Museum, Chicago 5, Illinois.

SAMPSON, JAMES D., BS '53, field executive, Boy Scouts of America, 408 S. Goodwin, Urbana, Illinois.

SANTOS-YNIGO, LUIS M., UI student '39, Philippine Bureau of Mines, Manila, Philippine Islands. He attended Stanford University in 1952-53.

SAVAGE, JAMES A., BS '50 was in the army and was stationed at Fort Belvoir, Virginia. Address unknown at the present time.

SAXBY, DONALD A., AB '40, MS '47 is associate geologist, Illinois State Geological Survey, Urbana. Don's research is on Lower Mississippian of Illinois plus fluorspar drilling and prospecting in southern Illinois. He and his wife live at 614 Hessel Blvd., Champaign, Illinois with their two children ages (9) and (2).

SCHAFER, ELWOOD W., BS '50 is reservoir engineer, General American Oil Company of Texas, Meadows Building, Dallas, Texas. He is primarily engaged in reservoir performance and evaluation including secondary recovery by water-flood. He is married and they have 2 children, Vick (3) and Sue Ann (1 1/2). Residence: 9760 Ash Creek Drive, Dallas.

SCHENCK, BARBARA (BA '51 Bates; MS '53 Smith), Ph.D. '55 (See: Mrs. L. C. Collins).

SCHMIDT, ERNEST F., BS '33 is director of camping, Schiff Scout Reservation, National Council, Boy Scouts of America, Mendham, New Jersey.

SCHMITT, HARRISON A., (AB '21, MS '22, Ph.D. '26 Minnesota), grad. student '22-24 is consulting mining geologist and engineer, Cottage San Road, Silver City, New Mexico. Dr. Schmitt is widely known as a mining geologist and has held many offices in various national societies. THE ROTARIAN, Oct. 1954, carried an article by Dr. Schmitt on why the US should adopt free trade.

In 1955 he went to India under the US Point Four Program. He is a Rotarian in Silver City, N.M.

SCHMITZ, WILLIAM C., AB '41 is consulting geologist, Rt. 2, Box 208R, LaFayette, Louisiana. Mr. Schmitz visited us in July at which time he told me that he was the founder and first president of the Cyclothem Club. Mr. Schmitz was previously connected with the Sun Oil Company. He has a son who will finish high school in another year and he hopes to attend the University of Illinois.

SCHNURR, PAUL, BS '51, Onarga, Illinois.

SCHOPF, JAMES M., (AB '30 Wyoming), MS '32, Ph.D. '37 is supervising geologist, Coal Geology Laboratory, USGS, Fuels Branch, Orton Hall, Ohio State University, Columbus 10, Ohio. Dr. Schopf saw many Illini at the New Orleans meetings of the GSA. Doctor Schopf reports they hope to wind up their studies of uranium in coal in the near future at the Coal Laboratory and begin a more extensive program of spore and pollen microfossil research.

SCHROEDER, DEAN H., BS '50, partner, Waehtman Drilling Co., geological and engineering consultants, 402 1st National Bank Bldg., Pawhuska, Oklahoma. He and his partner have been specializing in Osage County for the last three years. They have 2 drilling rigs, a consulting company and a producing company.

SCHROEDER, FRED R., BS '30 is superintendent of Geological Department and Director of Union Producing Co., Box 1407, Shreveport, Louisiana. He visited the department in September 1955.

SCHROTH, EUGENE H., BS '27, MS '36 is assistant director, Allerton House, University of Illinois, Monticello, Illinois. His wife, Maxine York, Ill. '40 is now teaching home economics in Monticello High School.

SCHROTT, ROBERT O., BS '54, chaplain's assistant, U.S. Army, US 55537317, Chapel #1, Fort Monmouth, New Jersey. He went in the army last July.

SCHUBERT, RAYMOND D., BS '50 is seismologist, Dawson Geophysical Company, Box 2102, Midland, Texas.

SCHULTZ, JOHN R., BA '31 (MS '33 Northwestern; Ph.D. '37 Calif. Inst. Tech.), is Chief Geologist, U.S. Waterways Exp. Station, Vicksburg, Mississippi. He is senior author (1955) with Dr. A. B. Cleves of "Geology in Engineering" which has been very favorably reviewed in all the journals.

SCHULTZ, LEONARD G., (BA '50 Cal. Tech.), MS '52, Ph.D. '54 and MRS. SCHULTZ (Hildreth Newell) (BS '52, Wooster), MS '54 live at Highbridge, Bowie, Maryland. Len is geologist, USGS and Hildy is geologist, USGS (Geochemistry and Petrology) WAE.

SCHULZ, LOIS, BS '42 (See: Mrs. Donald G. Herring, Jr.).

SCHWALB, HOWARD R., BS '49 was assistant geologist, Illinois State Geological Survey, but the first of January he started working for Phillips Petroleum, Evansville, Indiana.

SCOTT, ALAN J., BS '55 is assistant at the Illinois Geological Survey, and working toward an advanced degree in the department.

SCOTT, HAROLD W., AB '29, AM '31 (Ph.D. '34 Chicago). Staff. Residence: 613 W Delaware, Urbana. (See staff activities).

SCOTT, ROBERT B., (BS '49 Redlands), MS '51 is geologist with The Texas Company, 3127 "H" St. Annex, Bakersfield, California. He and Joanne have 2 children, John Leland (3 1/2) and Jennifer Lynn (1 1/2). Last November he presented a paper "Geology of the North Arvin Field, Kern County, California" before the Pacific Section of the AAPG at the Biltmore Hotel in Los Angeles.

SEAMAN, JEANNE, BS '43 (See: Mrs. Larry Farnum).

SEED, MANICE, AB '25, assistant cashier, First National Bank, Bridgeport, Illinois.

SEIBERT, LEOLA MAE, BS '44 (See: Mrs. Earl Cockrum).

SESTAK, ANDREW A., BS '50, MS '52 is geologist, The California Company, PO Box 2606, W. Jackson, Mississippi.

SEWELL, MRS. JAMES C. (Janet Hoover) BS '40, 2901 W. 4th, Corsicana, Texas. Janet says she is chief cook, bottle washer, etc. They have 2 children, James and Jay. Jim, her husband, plans to run for district judge this summer.

SHAFER, JOHN D., BS '54 is graduate student at the University of Oklahoma, Norman, Oklahoma. He and Nan Van Matre were married August 22, 1954. Permanent address: Box 224, Noble, Illinois.

SHANNON, MRS. FREDERICK A. (Ellen Jordan), AB '45, MA '50, Box 276, Wickenburg, Arizona. She and Fred adopted a son, David Jordan, born May 27, 1954.

SHARP, ROBERT P., staff '38-40, is Chairman, Division of Geological Sciences, California Institute of Technology, Pasadena 4, California. Bob and Jean have adopted two children, Kristin, now almost 5 and Bruce just over 2. Congratulations, Bob and Jean. Bob saw many Alumni at the GSA meetings in New Orleans.

SHAVER, ALAN E., BS '50, 1635 Brown, Galesburg, Illinois.

SHAVER, ROBERT H., BS '47, MS '49, Ph.D. '51 is chairman and professor, Department of Geology, University of Mississippi, University, Mississippi. (Anyone wishing to buy any Cotton Bowl tickets might check with Bob!)

SHAW, CONRAD E., BS '52 is geologist with V. R. Gallagher, 124 N.W. 4th, Evansville, Indiana.

SHAW, JOHN C., BS '49 is stratigrapher, Shell Oil Company, Box 2547, Billings, Montana. He and Bernice Branham of Neosho, Missouri were married Jan. 2, 1955. Did training program in Houston, Texas.

SHELTON, JOHN W., (AB '49, Baylor), MS '51, Ph.D. '53 is with Shell Oil Company, 1632 Vine Street, Denver 6, Colorado.

SHEPARD, FRANCIS P., staff '22-45, professor of Submarine Geology, University of California, Scripps Inst. of Oceanography, La Jolla, California. Doctor Shepard spent 3 months in Europe last spring studying Mediterranean submarine canyons, and also shorelines and beaches along the French and Spanish coasts.

SHEPPARD, KENNETH R., BS '49 is cartographer (Topo.) with USGS, Topographic Division, Box 133, Rolla, Missouri.

SHEPPS, PFC. VINCENT C., (BS '50 Franklin & Marshall), MS '52, Ph.D. '55 US 52393116, 10th Divarty NCO Academy, APO 66, N. Y., is in the Army and stationed in Germany. He has served as gunner on an anti-aircraft weapon; later he was sent to the non-commissioned officers academy in Erlangen, a 4-week course from which he emerged as honor graduate, after which he remained as instructor in map reading. He hopes to get out of the service in late December 1956. He is on a military furlough from USGS.

SHEPPS, MRS. VINCENT C., (Averill Brockelman, AB '53 Smith) UI grad. student '53-54, c/o C. H. Brockelman, Peaceful Valley Farm, Franconia, New Hampshire.

SHORT, MRS. L. M. (Bess Thayer, BS '24), 65 E. Clarence Avenue, S.E., Minneapolis, Minnesota.

SHORTER, MRS. LAZARE (Joan L. Caperton), AB '35, 311 S. Marshall Street, Burlington, Iowa.

SHRODE, RAYMOND S., (BS '41 Monmouth), MS '50 is commercial geologist, Diamond Alkali Co., 300 Union Commerce Building, Cleveland 14, Ohio. Ray was formerly with the Illinois Geological Survey but went to his present position in June 1954. His work is primarily in industrial minerals. Ray, Rhea, and their son (5 1/2) live at 3183 W. 142, Cleveland.

SHUMWAY, FREDERICK W., BS '18 (MS '24 New York Univ.) was discharged from Veteran's Hospital, Downey, Illinois, Dec. 14, 1954. We are happy that he has been medically OK'd by the Federal Civil Service Commission and by Fifth Army Headquarters. After his discharge he spent a few months with his brother, N. C. Shumway, 4812 N. 7th Street, Arlington 3, Virginia, and starting in March 1955 he worked for several months for the Army Engineers in their Soil Mechanics Laboratory in Chicago. Presently he is living at the Crillon Hotel, 1258 S. Michigan, Chicago, Illinois.

SILVERMAN, MAXWELL, (BS '49 Colo. Sch. Mines), MS '56 is assistant engineer, Scripps Institute of Oceanography, La Jolla, California, PO Box 109. Max has been with them for several years, 5 years of sea duty in connection with his work. He visited the department last summer before going home to Elizabeth, New Jersey for a vacation.

SIMON, JACK A., AB '41, MS '46 is geologist and head, Coal Division, Illinois State Geological Survey, Urbana, Illinois.

SIMPSON, HOWARD E., (AB '40 N. Dak.), MS '42, (Ph. D. '52 Yale) is geologist, USGS, Engin. Geol. Br., Denver Federal Center, Denver, Colorado. Howard has been mapping in New Britain, Connecticut area. They have 2 children; Paul, the latest born July 25, 1954.

SIMS, D. LEROY, BS '56 is graduate student in the department. He and Amy live at 603 E. Healey, Champaign.

SIMS, PAUL K., AB '40, MS '42 (Ph. D. '50 Princeton) and Mrs. Sims (Dolores Thomas), AB '40, live at 1935 Dudley, Lakewood, Colorado. Paul is geologist, USGS. They have 2 children, Thomas C. (12) and Charlotte Ann (8). Paul and Dolores renewed many Illinois acquaintances at the GSA meeting in New Orleans in November.

SITLER, ROBERT F., (BS '53 Pittsburgh), MS '55 is assistant and graduate student in the department working toward an advanced degree. He and Ruth have a young son, Robert Kenneth, born April 12, 1955.

SKEELS, THOMAS A., BS '32 (Address unknown).

SLESERS, AGRIS, BS '55 is in the Army attending signal school at Ft. Monmouth, New Jersey. Address: Pvt. Agris Slesers, RA 16515269, Co. H., 9405 T. U., T. S. S., Ft. Monmouth, New Jersey.

SMITH, CLOYD M., BS '20, MS '28, Ph. D. '34, E. M '35, consulting mining engineer, 432 Munsey Building, Washington 4, D. C. Doctor Smith is consultant on strategic minerals, particularly beryl and manganese.

SMITH, GUY W., BS '51, MS '53 is geologist with Standard Oil Company of Texas, PO Box 2087, Amarillo, Texas. We are grateful to Guy for the mineral specimens sent us from Arizona and Nevada. They were very fine and unusual specimens.

SMITH, MRS. GEORGE E., (Portia Allyn), (ex '38), RR #2, Normal, Illinois. Her husband is agronomist, Corneli Seed Company of St. Louis, Missouri. They have 3 children, George, Jr. (17) a senior in Univ. High School at Normal, Amy (6) in kindergarten, and Allyn (14 months).

SMITH, HENRY L., AB '43, USGS, 301B Administration Building, University of Kentucky, Lexington, Kentucky.

SMITH, MAURICE H., BS '39, MS '41 is with North Dakota Sample Service, Bismarck, North Dakota. He was formerly with Union Oil Co. of California. He and Jane Gray of Minot, North Dakota were married Aug. 18, 1955 at her brother's home in Crystal Lake, Illinois. She was formerly speech instructor and head of the Dramatics Department, Minot State Teachers College.

SMITH, ROBERT C., BS '42 is assistant chief, Ohio Division of Water, 1500 Dublin Road, Columbus, Ohio. He was formerly Chief Geologist of the Division, and earlier was geologist, USGS. He and Mrs. Smith have 3 small daughters.

SMITH, WILLIAM H., BS '49, MS '50 is research geologist, California Research Corp., Box 446, La Habra, California. His work is on foraminiferal ecology.

SNEED, HENRY E., (BS '49 Miss. State), MS '50 is project geologist, General Petroleum Corp., Box 1054, Rock Springs, Wyoming.

SNODGRASS, DONALD, (BS '50 Wooster), MS '52 is consulting geologist, RR 4, Salem, Illinois.

SNYDER, ROBERT D., BS '50, MS '52 is geologist, The Atlantic Refining Company, Box 871, Midland, Texas. They have been in Texas for 4 years and are well accustomed to the dry climate and mild winters.

SOHL, NORMAN F., BS '49, MS '51, Ph.D. '54 is geologist, USGS, National Museum, Paleo-Stratigraphy Branch, Washington 25, D.C. Norm, Dottie and Norman, Jr., live at: 2929 So. Dinwiddie, Arlington 6, Virginia.

SOLEY, EARL L., BS '50 (Address unknown).

SOLLIDAY, BEVERLY A., BS '50 (See: Mrs. Jack Pierce).

SORKIN, JEROME H., BS '48 is assistant highway engineer, California Division of Highways, 396 E. Avery Street, San Bernardino, California. His work involves designing freeways for U.S. Highway 66 in California. They have 3 sons.

SOVERI, URPU, (post-doctoral fellow, 1954), Administration of Roads and Waterways, Helsinki, Finland.

SOWERS, GORDON M., BS '46, Geological Laboratory, Creole Petroleum Corporation, Jusepin, Estado Monagas, Venezuela.

SPANSKI, ROBERT F., (BS '50 Bradley Univ.), UI grad. student '48-49 is engineering geologist, Division of Waterways, Springfield, Illinois. Residence: 201 W. Monroe Street, Springfield, Illinois.

SPARKS, LAURA, (BS '54 Antioch), grad. student '54 55 (See: Mrs. Laura S. Swartz).

SPAULDING, BERNARD B., BS '38 is district geologist, The Texas Company, Geology Department, PO Box 2523, Jackson, Mississippi. His wife is the former Bernice "Bomby" Young, Delta Gamma, '42 UI. They have 4 children, Bugh II (12), Steven (8), Bobby Hal (4) and Sally (2). Residence: 4419 East Ridge Drive, Jackson, Miss.

SPENCER, CHARLES W., (AB '53 Colby Coll.), MS '55 is with the USGS, Mineral Deposits Branch, Washington 25, D. C.

SPOOR, HARRY C., JR., AB '26 is consultant, 2130 Commerce Building, Houston, Texas.

SPOTTI, ADLER E., BS '40, MS '41 is general mine foreman, Consolidated Coal Company, Box 828, Morgantown, West Virginia. His wife, Helen, was office secretary '40-41. (Some of the furniture has been changed, Helen).

SPROUSE, DONALD W., (BS '49 Marshall), MS '54 is geologist with The Carter Oil Company, Drawer 1739, Shreveport, Louisiana. Donald teaches part-time at Centenary College, evening division. The third addition to the family, Donald Gallaher, was born March 4, 1955.

SQUIRES, ROBERT L., BS '48 Geologist, Western Gold & Uranium, Inc., Leeds, Utah.

STADNICHENKO, MARIE, BS '23, is with USGS in Washington, D. C. - 917 - 18th Street, N. W.

STAFFELD, BYRON C., BS '52 (Psychology), MS '54, Specialist Third Class, Medical Technician Instructor, Faculty Company, Medical Training Center, U. S. Army, Ft. Sam Houston, San Antonio, Texas. He and his wife live at 324 Claremont, Apt. 6. Byron is also a member of the faculty of San Antonio Junior College, teaching physical and historical geology at night classes.

STALLSWORTH, WILLIAM R., BS '51, Engineer in Charge, Schlumberger Well Surveying Corp., Box #8, Mt. Pleasant, Michigan, recently in Mt. Carmel, Illinois. Schlumberger has two field units at Mt. Pleasant. Bill and Suzanne have 2 children, a girl (3) and a boy born Nov. 14, 1955.

STAPLIN, FRANK L., (BS '49, MS '50 Texas), Ph. D. '53 is research geologist, Carter Oil Research Laboratory, Box 801, Tulsa, Oklahoma.

STEENHAUSEN, JOHN R., BS '49, 214 Tamka House, Park Forest, Illinois.

STEIN, CLARKE, BS '49, Party Chief, United Geophysical Company of Canada. 531 8th Avenue, West, Calgary, Alberta.

STEINMAYER, R. A., (BS '16, Eng.) is head, Department of Geology, Tulane University, New Orleans. In November Doctor Steinmayer was presented a Certificate of Commendation in recognition of distinguished service in enhancing New Orleans' position of leadership as America's Most Popular Year-Round Convention City, signed by the Governor of Louisiana, the Mayor of the City of New Orleans, the President of the Chamber of Commerce of the New Orleans area and the Chairman of Convention and Visitors Bureau. Doctor Steinmayer served as General Convention Chairman of the 1955 Meeting of Sigma Gamma Epsilon.

STEMLER, MRS. FRED W. (Norma Wallis) BS '48 lives at 309 C. Augusta, Chesapeake Gardens, Aberdeen, Maryland. Norma and Fred have 3 girls, Kathleen, Cynthia, and Linda who was born Nov 4, 1955. They live 30 miles north of Baltimore and hope to see the Ottons.

STEPHENS, ROBERT M., BS '48 (Min. Eng.), MS '49 is chief petroleum engineer for Tennessee Gas Transmission Company, PO Box 2511, Houston, Texas.

STEVENSON, WILBUR L., BS '52, MS '55, Shell Oil Company, 521 W. Wall, Midland, Texas.

STEWART, HERBERT G., JR., (BS '50 Kent State), UI grad. student '50-51 is geologist, Ground Water Branch, USGS, 731 Sagamore Rd., Lakeland, Florida. He is presently making a county (2200 sq. mi.) study of water resources in central Florida, and completely enjoying the year-round field season.

STOCKTON, ROBERT J., BS '49, Installation Squadron, APO 856, c/o P.M., New York.

STOCKWELL, HARVEY L., BS '40, 4146 N. Kilbourn, Chicago, Illinois.

STORM, HELEN, BS '48 (See: Mrs. D. C. Bowman).

STROUSE, MARY ANN, (AB '52 Wooster), MS '53 (See: Mrs. Robert Fox).

STUTE, RICHARD W., BS '50 is 1/Lt., A02219377, with the USA Air Force Hq., Wiesbaden, Germany, 497th Reconnaissance Tech. Squadron (PI), APO 633, c/o P.M., New York.

SUMMERSON, CHARLES H., BS '38, MS '40, Ph.D. '42 is assistant professor, Department of Geology, Ohio State University, Orton Hall, Columbus 10, Ohio. He married Harriet Rockwell in 1944 and they have 2 children, Henry Charles (Hal) (4) and Jane (2).

SURRATT, ROBERT A., BS '50, 1609 Dial Court, Springfield, Illinois.

SUSONG, BRUCE I., (BA '54 Miami), MS '55 is geologist with The California Company, Post Office Drawer 2606, West Jackson, Mississippi.

SUTTON, ARLE H., (Ph.D. '27 Chicago) staff, is chief geologist, Mining Division, Aluminum Co. of America, 1501 Alcoa Building, Pittsburgh 19, Pa.

SUTTON, DONALD G., BS '34, (MS '36 Washington Univ.), is geologist with Sun Oil Company, PO Box 717, Evansville, Indiana.

SUTTON, MRS. MYRON D., (Elizabeth Ann Livesay), BS '41, MS '45 is geologist, USGS, Military Geology Branch, 219 Lafayette Drive, Alexandria, Va. Her husband is park naturalist in National Capital Parks with headquarters in Washington, D.C.

SVOBODA, IRWIN L., BS '50, 2224 S. East, Berwyn, Illinois.

SWARTZ, MRS. LAURA (SPARKS) (BS '54 Antioch), UI grad. student '54-55 is assistant, Museum of Comparative Zoology, Harvard University, Cambridge 38, Mass.

SWEENEY, MRS. CATHERINE (Hauberg), BS '36, lives at 3300 Nebraska Avenue, N.W., Washington 16, D.C. After receiving her bachelor's degree, Mrs. Sweeney did work in zoology toward the master's which was interrupted when she married Edward C. Sweeney in 1938 and left the campus. Her husband, who is a professor on leave of absence from Northwestern, is now the aviation advisor for the Senate Committee on Foreign and Interstate Commerce in Washington. They do a good deal of traveling, despite the fact that they have five children, from fourteen on down. Their extracurricular activity has been done during the time when Congress has not been in session. They have taken extensive trips, partly with Senators visiting foreign places, mostly in Africa. Mr. Sweeney

often lectures on Africa, using films they have taken on their trips. They have also collected botanical specimens for the Smithsonian Institute. This last fall they expected to visit Ethiopia and to do a travelogue film there.

TAFT, WILLIAM F., BS '48, 28 N. Prospect, Clarenden Hills, Illinois. Mr. Taft is with Provision Department of Wilson Packing Company of Chicago.

TANNACI, MRS. NICHOLAS (Muriel C. Janicki), AB '42, 2142 S. Mountain Ave., Duarte, California. She reports they have an acre of avocados, several goats and 5 "Young 'uns" of which the newest are twin girls born June 30, 1955.

TAYLOR, EARLE F., (AB '35, MS '37 Iowa, UI grad. student '38 & 42, is senior vice president, DeGolyer and MacNaughton, 5625 Daniels Avenue, Dallas, Texas. Earle is married and they have 3 children, 2 girls and 1 boy. Their home address is 6738 Brookshire Drive, Dallas.

TAYLOR, GEORGE E., AB '26, 1444 Brookside, Evansville 14, Indiana.

TAYLOR, WARREN L., (BS '47 Kansas State), MS '49 is superintendent, Salt Lake Division, El Paso Natural Gas Company, 300 Tribune Building, Salt Lake City, Utah.

TEETOR, BETTY, BS '42 (See: Mrs. Mortimer Andron).

TERRY, ROBERT I., JR., BS '47 is geologist, Chiles Drilling Co., 420 Wilson Bldg., Corpus Christi, Texas.

TESCH, WILLARD J., JR., BS '49 is geologist (Mineral Fuels), Oil-Shale Experiment Station, Mining Section, Anvil Points 49, Rifle, Colorado. His work involves evaluating oil-shale resources in Green River formation (Eocene) in Colorado, Utah, and Wyoming. He reports there is good big and small game hunting and fishing. He is married and they have 2 boys.

THOMAS, DOLORES, AB '40 (See: Mrs. Paul Sims).

THOMAS, JOHN E., BS '51 is geologist, Carl A. Bays & Assoc., Inc., PO Box 65, Urbana, Illinois.

THOMPSON, CARYL JEAN, BS '44 (See: Mrs. W. E. Juhre).

THOMPSON, HUGH R., (BA '50, Oxford), MS '52 (geography), (MA '54 Oxford, Ph.D. '54 McGill), is a lecturer in geography at McMaster University, McMaster, Hamilton, Ontario. He has completed a series of papers on Baffin Island, N.W.T. He reports, "Still unmarried!" He will lecture at Vancouver this summer. A recent paper on Palissy in the Annals of Science has caught the attention of historians of science.

THREET, JACK C., BS '51 is geologist, Exploration Department, Shell Oil Co., 850 First National Bank Building, Oklahoma City, Oklahoma. Jack is married and they have 2 daughters, Linda Sue (2), and Judith Ann born Aug. 26, 1955.

THREET, RICHARD L., BS '47 (Chemistry), AB '47, MA '49, (Ph.D. '52 Washington), is assistant professor, University of Nebraska, Lincoln, Nebraska. Dick spent the summer of 1955 in field research on a National Science Foundation Grant, on Colorado Plateau of southwestern Utah. He and Dorothy have 4 children, Patty (4), Bobby (3), Davey (20 months), and Nancy (2 months).

THURSTON, A. W., BS '22, Sugar Load Route, Boulder, Colorado.

TITUS, FRANK B., JR., (BS '52 Redlands), UI grad. student '53-54 is geologist, USGS, Ground Water Branch, Box 302, University Station, Albuquerque, New Mexico, as of January 3, 1956. He is working on geologic mapping and reports on counties in eastern New Mexico. Frank has completed work for the master's degree at UI with the exception of writing his thesis.

TITUS, LOIS ELAINE, AB '45 (See: Mrs. Erle S. Huse).

TOLER, HENRY N., (BS '26, La. State U.), MS '29 is consulting geologist, 814 Deposit Guaranty Bank Building, Jackson 1, Mississippi. His wife, Ruth Einhaus, graduated from Illinois. They have 2 daughters, one in school at the University of Mississippi and the other in high school. Mr. Toler was president of the Mississippi Illini Club last year.

TOM, CHARLES W., BS '49, 800 S. Division Street, Carterville, Illinois (home).

TOM, GENE F., BS '46, MS '50, Corona, New Mexico.

TOMLINSON, CHARLES W., (BA '13, MA '14 Wisconsin; Ph.D. '16 Chicago), staff '17-18, is an oil producer, 510 Little Building, Ardmore, Oklahoma. He married Maude D. Reid, also Wisc. '13 in June 1915. They have 5 children, and 14 grandchildren.

TOOKER, EDWIN W., (BS '47 Bates; MS '49 Lehigh), Ph.D. '52 is geologist, USGS, Bldg. 25, Denver Federal Center, Denver 2, Colorado. Ed's current research project is studies of mineralization and wall rock alteration in Colorado Front Range mineral belt, a part of a larger detailed geological study of the region. He and Pauline (Polly) have 2 daughters, Carol (5) and Jean born March 25, 1955. The Tookers are to be transferred to Menlo Park, Calif., soon.

TOVEY, HENRY A., BS '48, 419 Kelly, Westville, Illinois.

TRANTER, CHARLES E., JR., (AB '52 Augustana), MS '54 is Topographic Surveyor in US army until May 20, 1956 then he will be with Mobil Producing Co. Mailing address until May 20: 4605 Balboa, San Francisco 21, Calif. He is in the same batallion as Gene Ziemba. He did 4 months survey work around Kotzebue, Alaska.

TREFETHEN, JOSEPH M., (AB '31 Colby), MS '32, (Ph.D. '35 Wisconsin), is state geologist of Maine and Professor of Geology, University of Maine, Orono, Maine. His book "Geology for Engineers" is widely used in this country and abroad.

TUCK, LEWIS L., BS '40, (MS '41 Texas) is vice president, Will I. Lewis Drilling Co., 425 Continental Oil Building, Denver, Colorado.

TURTLE, EDITH GRACE, (BS '47 Manitoba), UI grad. student '47-48 is research chemist, Portland Cement Association, Skokie, Illinois. Residence: 312 S. Blvd., Evanston.

UNFER, LOUIS, JR., BS '48, (MA '51 Wyoming) is geologist, Carl A. Bays & Assoc., Inc., Urbana, Illinois. He and his wife, Lois, BS '54 (Recreation), live at 108 E. High, Urbana, Illinois. They have a son, Robert Louis, born Feb. 13, 1956.

UPTON, RICHARD A., BS '51 is geologist, Carter Oil Co., Box 472, Vernal, Utah.

URASH, ROBERT N., BS '45 (Eng.), UI grad. student '45-46, Carl A. Bays & Associates, Inc., Urbana, Illinois. Residence: 606 N. Broadway, Urbana.

URBANO, ROBERT F., BS '46 at the last news was living at 23 Rue Emile Zola, Pre St. Gervais, Seine, France. Bob went to Paris a few years ago to study art.

UTTERBACK, DONALD D., AB '30, MS '32, Ph.D. '36 is superintendent, Exploration and Production, Freeport Sulphur Company, O. & G. Div., PO Box 1520, New Orleans, Louisiana. Wife, "Nan" Wininger Massey, BS '32 Illinois; Phi Beta Kappa 1931; Bronze Tablet, 1932. They have a daughter, Beverly June Utterback Eldridge, BS '45 Louisiana State University, one granddaughter "Anne" (9 1/2) and a grandson, Geoffrey (3).

UTZIG, ESTHER, AB '24, MS '27 (Geography) (See: Mrs. Albert N. Murray).

VACTOR, HOWARD S., AB '48, 15810 Van Aken Blvd., Shaker Heights 20, Ohio.

VAN DYKE, LINDELL H., BS '47, MS '48 is geologist, Shell Oil Company, Midland, Texas. Residence: 411 E. Oak Street, Midland. They have 2 children, Nancy (4) and Junior (2).

VAN MALE, WARREN C., BS '34, 520 Massena Avenue, Waukegan, Illinois.

VAN SICLEN, DE WITT C., (AB '40 Princeton), MS '41, (MA '47 and Ph.D. '51 Princeton), is research geologist, Pan American Production Company, 1225 Esperson Building, Houston, Texas. He, his wife, Beverly and two children, Mary and Clinton live at 4909 Bellaire Blvd., Bellaire, Texas.

VAN TUYL, FRANCIS M., (BA '11, MS '12 Iowa; Ph.D. '15, Columbia Univ.) staff, '15-17 is consulting geologist, Brainerd and Van Tuyl, Empire Building, Denver, Colorado. Doctor Van Tuyl is professor Emeritus, Colorado School of Mines. Residence: 1207 - 16th Street, Golden, Colorado.

VERA, ELPIDIO DE LA CRUZ, (BS, U. of Philippines); MS '53, 1050 Maria Cristina, Philippine Bureau of Mines, Sampaloc, Manila, P.I. Mr. Sisenando Samaniego, from Mr. Vera's Survey, is studying in the department this year.

VERCELLINO, JOSEPH, BS '47, is geologist 2, The Carter Oil Company, Box 748, Wolf Point, Montana. Joe is head of the Wolf Point, Montana, Geological Office of the Carter Oil Company. Joe visited the department during August, and spent the 4th of July holidays with his brother, John, at our summer field camp in Sheridan, Wyoming.

VINEYARD, WILLIAM L., BS '49, MS '50, The Texas Company, PO Box 2332, Houston 1, Texas.

VORIS, RICHARD H., (BS '50 Augustana), MS '52 is with the Carter Oil Company. He was discharged from the Army in September 1955 and attended the University of Tulsa fall semester for review. He returned to Carter in February. (Home: 2944 Farnam Street, Davenport, Iowa).

WAFER, JAMES O., BS '54, MS '55 is geologist, Continental Oil Company, Laurel, Mississippi. Permanent address: 340 N. 3rd St., Greenville, Illinois.

WAGGONER, BEULAH M. (Mrs.), BS '48, Box 121, McCall, Idaho.

WAGNER, OSCAR E., JR., AB '28, AM '29, Ph.D. '32, Service Drilling Company, Tulsa, Oklahoma. Residence: 5314 E. 13th Street.

WALCHER, MRS. C. A., (Florence Cochran), AB '20 lives at 1107 So. 4th Avenue, Maywood, Illinois. Her husband is tax accountant for United Air Lines, Inc.

WALCHER, WAYNE E., (BS '39 Wichita U.), MS '41 (Address unknown).

WALDO, ALLEN W., AB '27, MS '28, (Ph.D. '34 Harvard), is Dean of Students, Stockton College, 2030 N. Grange, Stockton 4, California. His wife, Cherrie, teaches a 4th grade class. Their daughter, Margery was married in September 1955; Betty, another daughter was married 5 years ago; Allen E. (Bozo) is in junior high school.

WALK, HUGH, BA '41, MS '48, is geologist, The Texas Company, Box 2332, Houston 1, Texas.

WALKER, MARVIN, BS '51 is consulting geologist, Box 546, Olney, Illinois.

WALLACE, WILLIAM H., BS '48, Box 109, Officers Mail Room, Bolling A.F.B., Washington, D.C.

WALLIS, NORMA, BS '48 (See: Mrs. Fred M. Stemler).

WALTER, ADOLPH W., III, BA '43 is president, A. W. Walter, Jr. & Co., Inc., 625 S. Main, Anna, Illinois. He and Peggy have 3 children, Marsha (6 1/2), Barbara (9 1/2) and Adolph, IV born March 17, 1955.

WASKELO, MATTHEW J., BA '41 is realtor-builder, M. J. Waskelo-Realtor-Builder, 137 Pulaski Road, Calumet City, Illinois. He married Marjorie A. Lidman (BA '47) in June 1948. They have 2 children, Mark Alan (2) and Jacqueline Lee (5). They live at 913 Wentworth Avenue, Calumet City.

WATKINS, BYRON K., BS '49, 311 Grant Avenue, Findlay, Illinois (home).

WATKINS, HENRY N., (BS '52 Marshall), UI grad. student '52-53, 7767 Ohio River Road, Lesage, West Virginia (home).

WATSON, ROBERT, JR., BS '49, 35 East 1st Street, Hinsdale, Illinois (home).

WEART, RICHARD C., (AB '43 Cornell Coll.; MS '49 Syracuse), Ph.D. '50 is research geologist, Sun Oil Company, 503 N. Central Expressway, Richardson, Texas. He and Marilyn have 2 children, Steve (5) and Teri (2 1/2). He just moved into a new research laboratory located 5 miles north of Dallas.

WEEKS, WILFORD F., BS '51, MS '53 is 2/Lt., A02237725, USAF Cambridge Research Center, L. G. Hanscom Field, Bedford, Mass., Attn. CHRG. Willy is with the Arctic Section of the Terrestrial Sciences Section of the Geophysics Research Directorate of the USAF Cambridge Research Center. He is working on the structure and physical chemical properties of sea ice. He spent most of the winter in northern Labrador. Next summer he will work on glacial ice.

WEHRENBERG, JOHN P., (BS '50 Mo. Sch. Mines), MS '52, Ph.D. '56 is assistant professor, Department of Geology, Montana University, Missoula, Montana. Jack received his MS in 1952 and then went to the University of Chicago to make use of their special laboratory facilities, while registering at UI. In September 1955 he accepted a position at Montana University. They have 4 staff members in geology but plan to add another one next year. They have 105 geology majors. He likes his work and the town and weather just fine.

WEIDNER, MELVIN I., BS '55 is a graduate student at the University of Arizona. 1015 1/2 N. Martin, Tucson, Arizona.

WEINBERG, EDGAR L., BS '47, MS '48, 2055 Stowe St., Union, New Jersey (home).

WELGE, EDWIN A., BS '52 is geologist, Standard Oil Company of California, 2036 Medusa Way, Sacramento 21, California. Ed will receive the MS degree from the Universtiy of Nebraska as soon as his thesis is completed. Field work on the thesis was done in northern British Columbia and southern Yukon during the summer of 1955 under the supervision of the Canadian Geological Survey. The problem was concerned with the Pleistocene deposits of the Atlin, B.C. area. Ed visited the department last April. The family consists of Ed, Pat and Kris.

WESTERBEEK, BETTY, BS '41 (See: Mrs. Frederick Wurtzell).

WHITE, HAROLD R., BS '47, MS '48 is self-employed as consulting geologist, Box 187, Jackson, Mississippi. He was recently promoted to Lieutenant Colonel, Air Force Reserves. Harold was formerly regional geologist for Seaboard Oil Company. Harold sent us news that Mississippi Illini Club met at the Miss. Valley Gas Lodge on September 28 for their regular fall meeting. Mr. Henry Toler, consulting geologist, MS '29 Illinois, was elected president for 1956. B. B. Spalding, BS '38 also attended the meeting.

Residence: 549 Benning Road, Jackson 6, Miss.

WHITE, W. ARTHUR, BS '40, MS '47, Ph.D. '55 is geologist, Illinois Geological Survey, Urbana.

WICKSTROM, THOMAS S., BS '49 is underwriter, State Farm Mutual Insurance Company, 1001 N. Emmet Street, Charlottesville, Virginia.

WIDENER, MARY L., BS '47 (See: Mrs. E. E. McCommons).

WILKERSON, ALBERT S., (AB '21 Cincinnati; AM '22 Wisconsin; Ph.D. '38 Michigan), UI grad student '23-24 is associate professor of geology, Rutgers University, New Brunswick, New Jersey. Doctor Wilkerson is married, but no children. He was associate professor at the University of Alaska from 1929-1936. His research is largely on dikes of northern New Jersey, with publications largely on petrography; and gold-tellruide deposits of Colorado.

WILLIAMS, EUGENE G., (BS '50 Lehigh), MS '52 Pennsylvania State University, University Park, Pa.

WILLIAMS, FREDERICK E., (AB '41 Wooster), MS '51 is geologist, Aluminum Company of America, Box 82, Rosiclare, Illinois. He and Nancy have 2 boys, Frederick Alan, and Glenn.

WILLIAMS, JOHN R., AB '36, MS '38, The Texas Company, Box 252, New Orleans, La.

WILLIAMS, MERLE E., BS '50, geologist, PO Box 96, Mt. Vernon, Illinois.

WILLIAMSON, ALAN D., (BS '49 N. Carolina), UI grad. student '51-52, PO Box 480, Mt. Vernon, Illinois.

WILLIAMSON, LEE F., (BS '51 S. Carolina), 652 Woodlawn Avenue, Wichita, Kansas. Lee is with Continental Oil Company. He has completed all work for the MS degree with the exception of submitting the typed thesis which will be done by June. He and Joyce Anne have a son, Michael Lee, born November 8, 1955.

WILLMAN, H. BOWEN, AB '26, MA '28, Ph.D. '31 is geologist with Illinois State Geological Survey, Urbana. He directs the stratigraphic and areal geology activities of the Survey.

WILLS, DONALD L., BS '49, MA '51 (Geog.), head, Dept. of Geology and Geography, Monmouth College, Monmouth, Illinois.

WILSON, CHARLES G., BS '48, 9122 Sprout Avenue, Oak Lawn, Illinois.

WILSON, GENE D., (BS '50 Marshall College), MS '54 is photo geologist for The Standard Oil Company of Texas. His address is 1402 Glourie Drive, Houston 24, Texas. He spent several months in Denver learning photo-geology at Geophoto, Inc., in preparation of setting up a photo-geology section in Standard's office in Houston. Gene and Virginia have 2 boys, Douglass (4) and David (1 1/2). He sent news of Milton Langer who joined their company (Pasotex in Oklahoma) and Guy Smith who is in their Amarillo office.

WILSON, GEORGE M., BS '42, MS '44 is geologist with the Illinois Geological Survey in charge of Educational Extension work, Nat. Res. Bldg., Urbana, Ill.

WILSON, VIRGINIA, BS '48, Shell Oil Company, Baton Rouge, Louisiana.

WINAR, RICHARD M., BS '53, MS '55 is with Carter Oil Company but at the present time is in the Army at Fort Sheridan where he is supply clerk. Address: 1438 Lincoln Place, Highland Park, Illinois.

WINKLEMAN, JAMES E., BS '53 is 1st Lt., Construction Engineer, U.S. Army, Corps of Engineers, 253 Magruder, Mineral Wells, Texas. He is seeking foreign employment for this spring. Home address: 6438 N. Sayre Avenue, Chicago 31, Illinois.

WINKLER, VIRGIL D., BS '38, MS '39, Ph.D. '41, Creole Petroleum Company, Apt. 889, Caracas, Venezuela.

WISE, ROSCOE E., BS '48, is district geologist, Sun Oil Company, Box 717, Evansville, Indiana. He and Hazel have 3 children, Janis (6), Gayle (4) and Michael (2).

WOLCOTT, PHILIP P., AB '35, MS '36, c/o Creole Petroleum Corp., Apt. 172, Maracaibo, Venezuela.

WOLTMAN, WARREN C., BS '55 served as part-time assistant to Dr. Grim on API project, Recent Sediments in Gulf of Mexico, during first semester but was called to the Army in late January. 199 Rex Blvd., Elmhurst, Illinois (home).

WOOD, ARTHUR, JR., AB '43, 132 S. Lavergne, Chicago 44, Illinois.

WOOD, JOHN W., BS '52 is cartographer, USGS, Box 133, Rolla, Missouri.

WOODMENCY, COLENE, BS '51 (See: Mrs. Robert Bauer).

WOOLEY, LINDER, BS '51, The Texas Company, Box 136, Salem, Illinois.

WRATH, WILLIAM F., BS '35, MS '36, 612 S. Flower Street, Los Angeles, California.

WRIGHT, ROLAND F., BS '52, MS '54, formerly with the AEC in Grand Junction, Colorado, is geologist, Phillips Petroleum Company, Oil Center Station, Pinhood Road, St. Mary's Blvd., Lafayette, Louisiana.

WRIGHT, WILLIAM E., BS '40 (Address unknown).

WUELLNER, FRANCIS, BS '43 (Address unknown).

WURTZEL, MRS. FREDERICK (Betty Jean Westerbeek), BS '41 lives at 2140 Downey Road, Homewood, Illinois. Her husband, Fred, '42 Chem. Eng., is with Bakelite Corp. They have 2 children, Billy (6 1/2) and Sally (2 1/2).

YARNELL, MRS. HOWARD W., (Mary E. Card), AB '38, Box 105, Princeville, Illinois.

YORK, BARBARA, BS '45 (See: Mrs. John Y. Elgin).

YOUNG, HERBERT T., BS '41 is president and director, Champa Mining Company, 1660 Lewis, Lake Wood, Colorado.

YOUNG, JACKSON S., BS '27, MS '29 is manager, Geophysical Department, Union Producing Company, Box 1407, Shreveport, Louisiana.

ZELLER, EDWARD J., AB '46 (MA '48 Kansas; Ph.D. '51 Wisconsin) and MRS. ZELLER (Doris E. Nodine) AB '46, (MS '51 and Ph.D. '54 Wisc.) are paleontologists presently working for Petroleo Brasileiro, S.A. - Petrobras Servico Regional Da Amazonia. They have been in Brazil since October 1955. Before going to Brazil, Doris was employed as a consultant on a research contract by the Shell Oil Company, and Ed had his own paleontology laboratory. As reported in the January issue of Mademoiselle Magazine, Doris is one of the ten young women, who, in 1955, set a goal and reached it, and thus received their Award of Merit Her research has dealt with endothyroid Foraminifera. She is doing special research for the Brazilian government in the Amazon Basin oil fields.

ZIEBELL, WALTER R., BS '43, MS '49 is mineralogist and vice president, Bellwin Development Co., 591 N.W. 190th St., No. Miami, Florida. This is a Cuban company with offices in Havana, Cuba; Monroe, Michigan, and a separation pilot plant in Haliburton, Ontario, Canada.

ZIEBELL, WARREN G., BS '51, MS '55, formerly with Gulf Oil Corp., is with ARAMCO, Dhahran, Saudi, Arabia.

ZIEMBA, EUGENE A., (BS '53 St. Joseph's), MS '55, with Stanolind Oil & Gas Company is now in the Army. Address: Pvt. Eugene A. Ziemba, US 55537812, 542nd Engr. Co. (Surv Base), 30th Engr. Gp., Yuma Test Station, Yuma, Arizona.

ZINSER, ROBERT W., AB '48, (MS '50 Kansas) is geologist, Sun Oil Company, Box 240, Abilene, Texas.

ZIRKLE, ROBERT G., BS '50, MS '52 is geologist, California Company, 800 California Company Building, New Orleans, La. He and Judith Stillman were married November 5, 1955. Understand she is a lawyer with the California Company. Residence: 802 1/2 Nashville Avenue, New Orleans, La.

ZWORYKIN, ELAINE, AB '48 (See: Mrs. Louie Knudsen).

ACKNOWLEDGMENT

Many, many thanks to all of you for the fine response in returning the post cards of inquiry so completely filled out. As I read them over and recorded the information given they recalled most pleasant memories of times past. I hope the Newsletter has brought you equal pleasure.

I look forward to meeting many of you at the AAPG alumni luncheon in Chicago on April 25.

Sincerely yours,

Rosa M. Nickell

Rosa M. Nickell
Secretary

ANNUAL NEWSLETTER

DEPARTMENT OF GEOLOGY
University of Illinois
Urbana

APRIL 1957

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April 29, 1957

To the Alumni of the Department of Geology:

After the 77-page news letter of last year, Miss Nickell was going to do a "short one" in 1957. She has so much information to share with you that it is not a short one after all.

The listing by companies and organizations gives interesting and significant information. The analysis of the data on our 767 alumni requires 2 sheets just before the listings. Of 767 UI geology alumni 540 are geologists, but among the non-geologists are 4 attorneys, 3 clergymen, 8 career officers in the Armed Forces, 1 physician, 3 chemists, 1 FBI agent, several insurance men, 1 farmer, and many business men and 47 home makers.

No one will be surprised that more alumni are in oil than in other kinds of geology. It will be interesting to see the proportion in various kinds of geology in future years. The field of industrial geology is certain to increase rapidly. The many openings at very attractive salaries in ground-water geology, engineering geology, industrial minerals, etc., indicate the growing importance of this kind of geology.

One of the remarkable features about Miss Nickell's alumni files is the fact that for 767 alumni she lacks valid addresses for only about 10 men. It is remarkable and appreciated that so many of you send us immediately notification of promotions, job changes, or changes of addresses.

This year graduate enrollment increased to 70, which we think makes us third in the country, after Texas and Oklahoma. The graduate group has more and more become one of men working for the Ph.D; 38 have passed prelims or language. The pressure on research advisors and research space has thus greatly increased.

The quality of the undergraduate program is indicated by the number of bachelors who go on to graduate study. Forty-two UI bachelors are now in 26 different graduate schools; 178 UI bachelors have earned the MS degree and 55 have earned the Ph.D. degree. UI bachelors regularly win National Science Foundation fellowships and almost all who attended graduate school win fellowship or assistantship appointments.

It is a real pleasure to see so many of you when you come thru Urbana on your trips across the country and to see you at the various national meetings. Your cordial assistance is an important factor in the success of the department.

Sincerely,

Geo. W. White

George W. White
Head of the Department

GEOLOGY STAFF, 1956-57

Senior Staff:

G. W. White, professor & head of department
F. W. DeWolf (professor emeritus)
R. E. Grim, research professor
K. C. Dunham, George A. Miller Visiting Professor (I Sem.)
C. A. Chapman, professor
A. F. Hagner, professor
J. L. Hough, professor
H. W. Scott, professor
P. R. Shaffer, professor
H. R. Wanless, professor
C. B. Maxey, research associate professor
D. U. Deere, associate professor
W. M. Merrill, associate professor
D. M. Henderson, assistant professor
C. W. Collinson, lecturer (I Sem.)
Barbara J. Collins, instructor (II Sem.)
J. B. Droste, instructor

Fellows:
University of Illinois:
Margaret Jennifer Lucas (BA '54 Oxford, England; MS '55 Illinois)
William W. Hay (BS '55 Southern Methodist)
Illinois Clay Products Company:
Bruce F. Bohor (BS '53 Beloit; MS '55 Indiana)
Robert W. Doehler (BS '51; MS '53 Illinois)
National Lead Company:
Raymond L. Slovinsky (BS '54 Ohio University)
Shell Company:
Paul F. Karrow (BS '54 Queen's University)

Junior Staff:
Jack Baker (AB '50 Princeton; MS '56 Illinois)
Donald L. Ballmann (AB '54 St. Joseph's; BS '55 & MS '56 Illinois)
Allen S. Braumiller (AB '55 Mississippi)
John D. Bredehoeft (BS '55 Princeton) (I Sem.)
Calvin S. Bromfield (BS '48 & MS '50 Arizona)
Earl A. Christiansen (BS '52 & MS '56 Univ. of Saskatchewan)
Robert B. Christy (BA '56 Wooster)
Lorence G. Collins (BS '53 & MS '55 Illinois) (II Sem.)
Fred W. Cropp (BA '54 Wooster; MS '56 Illinois)
John K. Eccles (BS '51 Manitoba; MS '54 Washington State)
Ted H. Foss (BS '56 Illinois)(II Sem.)
Donald E. Gednetz (BS '55 Kent State) (I Sem.)
Donald W. Lane (BA '56 Dartmouth)
Robert A. Michalski (BS '56 St. Joseph's) (I Sem.)

David C. Morrill (BA '56 Boston)
Ward S. Motts (BS '49 Columbia; MS '51 Minnesota)
Herman E. Roberson (BS '55 Texas)
Michael C. Schneider (BS '52 Cornell College; MS '55 Miami)
D. Leroy Sims (BS '56 Illinois)
Robert F. Sitler (BS '53 Pittsburgh; MS '55 Illinois)
Thomas W. Smoot (BS '54 & MS '56 Miami Univ.)
John E. Stone (BA '53 Ohio Wesleyan)
J. Cotter Tharin (BS '54 St. Joseph's)
F. Michael Wahl (BA '53 DePauw)
John E. N. Wainwright (BS '56 Dayton)
Robert L. Walpole (BA '56 Toronto)
Ronald L. Wertman (BA '56 Lehigh)
Daniel F. Weill (BA '56 Cornell Univ.)
Ronald P. Willis (BS '52 & MS '53 Wyoming)
Paul S. Wingard (BS '52 & MS '55 Miami)
John D. Winslow (AB '49 Brown)
Richard A. Yund (BS '56 Illinois)

Office:

Rosa M. Nickell, Secretary
Ruby Hart, Clerk-Typist
Julie Norton, Clerk-Typist

NEWS OF SENIOR STAFF MEMBERS

DR. ALBERT CAROZZI. You will remember that Dr. Carozzi was visiting assistant professor from Switzerland last year. Early in June 1956 after examinations were over Mrs. Carozzi took their 6-year old daughter, Viviane to New York where Viviane boarded a plane and flew back to southern France so that she might spend the summer with her grandmothers there. Mrs. Carozzi returned to Urbana and about the middle of June she and Dr. Carozzi boarded a bus and headed West, thru Iowa, Wyoming, Utah, Idaho, Montana, Washington, Oregon, California, Arizona, Nevada, New Mexico, Colorado, then across the states to Connecticut and left New York for home and a reunion with Viviane on September 6, 1956.

Dr. Carozzi will return to Urbana to join our staff on a permanent basis starting in September 1957, as associate professor.

DR. CARLETON A. CHAPMAN and family again spent the summer in Maine where he continued his geological work on the structure and petrology of the granites and gabbros of Mount Desert Island and vicinity. He was assisted in the field by Michael Schneider, graduate student in the department. Dr. Chapman is on leave of absence the first semester of this year.

DR. BARBARA SCHENCK COLLINS (Mrs. Lorence G.) is instructor this semester teaching Mineralogy for Engineers and assisting in various laboratory and quiz sections in beginning geology. Barbara received her BS from Bates in 1951 and MS from Smith in 1953. She received her Ph.D. at Illinois in 1955 under Doctor Grim. In June of 1955 she joined Larry in Germany where he was stationed as First Lieutenant, Intelligence Officer, US Air Force. They both returned to the states in February; Larry, who received the MS in 1955 enrolling in graduate school to work toward the Ph.D. degree.

DR. CHARLES W. COLLINSON, associate geologist of the State Geological Survey since 1952, was visiting lecturer the first semester. He taught invertebrate paleontology due to the resignation of Dr. Frank H. T. Rhodes. Doctor Collinson did his doctorate work at the State University of Iowa. He has several papers published or in press.

PROF. FRANK W. DE WOLF, (Emeritus) and Mrs. DeWolf attended the AAPG meetings in Chicago April 23-27, 1956. They also took in some of the popular stage shows.

Prof. and Mrs. De Wolf spent most of the winter in Urbana, but spent several weeks in Florida and vicinity during February.

DR. JOHN B. DROSTE, again spent most of the summer in Pennsylvania working on glacial till constitution. He was assisted in the field work by Cotter Tharin. John has been teaching the physical science course in the Division of General Studies and this semester has, in addition, a section of historical geology.

John and Mary will be leaving the campus and community this coming fall as John has accepted a position at Indiana University. He will be the successor of Haydn Murray.

DR. DON U. DEERE, who holds a joint appointment as associate professor of geology and civil engineering, spent the summer in Urbana, teaching in the Civil Engineering Department during the summer session. He spent several weeks in Canada in the St. Lawrence Valley inspecting landslide areas at the end of summer session.

PROF. KINGSLEY C. DUNHAM, professor of geology, University of Durham, England, formerly connected with the Geological Survey of Great Britain from 1935-50, was appointed George A. Miller Visiting Professor of Geology for the first semester, 1956-57. He taught structural geology and conducted a seminar on "Ore Deposits of the Eastern Hemisphere" for advanced undergraduate, graduate and staff members.

Professor Dunham was born in Dorset, England. He was educated at Hatfield College, University of Durham and Harvard University. He was elected a Fellow of the Royal Society in 1955.

Professor Dunham is widely known for his work in structural petrology and in morphology and genesis of ore deposits. He has investigated ore deposits in North America, Europe, Asia and Africa.

Professor Dunham represented the University of Durham at the International Geological Congress in Mexico City in September, before arriving in Urbana to begin his teaching duties.

On December 13, Professor Dunham, spoke before the Illinois Geological Society, at Mt. Vernon, on the work his department has been doing in the tropical forests of Sierra Leone, West Africa. Early in the semester he met with the Colloquium group and talked on Evaporites in England and Iraq. On December 10, he gave a public lecture sponsored by the geology department on "The Search for Mineral Wealth".

Professor and Mrs. Dunham lived at 300 South Goodwin, and enjoyed a visit during the Christmas holidays from their son Ansel, a student in geology at Cambridge.

DR. RALPH E. GRIM spent the summer on bentonite research and clay mineralogy. He is on leave this semester and just returned, March 12, from a trip around the world. He visited Paris, Athens, Istanbul, Beirut, Karachi, Calcutta, Bangkok, Hong Kong, and Tokyo, and had an opportunity to study bentonite deposits in the field in India and Japan. During the journey he lectured on clay mineralogy at universities in India and Japan, and visited research laboratories in these countries.

In the summer of 1957 Doctor Grim plans to visit South Africa and Australia to study the deep residual soils of those countries and also to visit laboratories doing clay mineral researches.

DR. ARTHUR F. HAGNER spent several weeks last summer in the east on magnetite research. He and two of his students will continue field studies in New York during the latter half of this summer. He will spend the first half of the summer on the campus as co-director with Doctor Henderson of the Geology Institute. On April 1, Doctor Hagner will discuss the Geology Institute at a panel session on "The Future of Our Product" to be held by the Association of Geology Teachers during the AAPG meeting in St. Louis.

DR. DONALD M. HENDERSON spent the summer in Urbana completing an X-ray and nuclear magnetic resonance determination of the location of hydrogen in layer hydroxides. He also prepared, with Doctor Hagner, the proposal and plan for the NSF Summer Institute in Geology to be held in 1957. He will spend the summer on the campus conducting the Geology Institute program.

In March 1956, he was an invited participant in a Symposium on the Teaching of Mineralogy at West Virginia University sponsored by the Eastern Section of A.G.T. The proceedings were published in a special supplement to the fall issue of the Journal of Geological Education which was distributed to geology departments throughout the country and to many members of the Mineralogical Society of America.

Doctor Henderson attended the GSA meeting last October in Minneapolis and gave two papers jointly with H. S. Gutowsky of the UI Chemistry Department.

DR. WILLIAM M. MERRILL left in June 1956, for his second summer in Greenland, continuing his studies of ice structures in and near an ice cliff at the southeast margin of North Ice Cap in northwest Greenland. The numerous instruments for the measurement of snowfall, wastage and motion of the ice, etc., that had been left in 1955 were augmented by new ones placed in 1956. Work is sponsored by the Ohio State University Research Foundation on contract with the Snow Ice and Permafrost Research Establishment, (SIPRE), U.S.C.E. The party, numbering 5 scientists and

4 military personnel under the leadership of Dr. Richard P. Goldthwait, Ohio State University, continued observations through August. Dr. Merrill, however, returned in July in time to visit the department's field camp area near Sheridan, Wyoming, where he will direct the camp in the summer, 1957.

On April 11, 1956, he reported on his Greenland research before a group of about 60 students and staff members of St. Joseph's College, Rensselaer, Indiana. This past year, he has been called upon several times by various engineering groups, and others to report on the Greenland work. Early in April, 1957, he is scheduled to take part in a symposium at Northwestern University sponsored by SIPRE and dealing with the mechanics of glacial flow.

DR. HAROLD W. SCOTT spent the summer in Urbana, Wyoming, Colorado, Virginia and Texas. He has several students working under his direction for the M.S. and Ph.D. degrees. This past year he has been chairman of the College Policy Committee.

His services have been requested as speaker on many occasions where he has given talks on his travels in Europe and in Asia.

DR. PAUL R. SHAFFER has completed a study of glacial drift, in northwestern Illinois. His findings are published in a report, "The Farmdale Drift in Northwestern Illinois" published by the Illinois Geological Survey as Report of Investigations 198.

Origin and age of the glacial deposits, rock debris transported by glacier ice and meltwater, in northwestern Illinois has been debated by geologists for more than a century. It was first thought to be the work of the Illinoian glacier, the third of the four great Pleistocene glaciers to invade Illinois. Studies by Prof. Shaffer indicate that the drift was deposited by the first, or Farmdale, advance of the Wisconsin glacier, or the last of the great ice sheets, about 25,000 years ago.

DR. HAROLD R. WANLESS, accompanied by Mrs. Wanless and Hal spent several weeks in Nova Scotia in June and July. Dr. Wanless attended the third conference on the Origin and Constitution of Coal at Crystal Cliffs, Nova Scotia. He also presented a paper at the conference. Survey personnel who were in attendance at the conference were Jack A. Simon, Dr. G. H. Cady, Dr. R. M. Kosanke and George M. Wilson. John A. Harrison of the survey staff presented a paper evaluating the influence of the petrographic constitution of coal on its coking character. Co-author of the paper was Charles E. Marshall, head of the department of geology, University of Sydney, Sydney, Australia who was visiting geologist at the Survey in 1955.

Dr. Wanless attended the International Geological Congress in Mexico City and presented a paper, with Warren Ziebell, and Eugene Ziemba, former graduate students and Albert Carozzi, former visiting professor as co-authors, and took part in field trips before and after the Congress.

The studies in western Illinois on the Beardstown, Glasford, Havana and Vermont quadrangles started many years ago have finally been sent to the printer as Bull. 82 of the Illinois Geological Survey, to be issued in 1957.

DR. GEORGE W. WHITE spent the summer in Urbana working on reports and doing field work in Pennsylvania and Ohio. He attended the International Geological Congress in Mexico City, accompanied by Mrs. White.

Doctor White was instrumental in the publication by the University of Illinois Press of a long out-of-print book which 150 years ago established the basis of modern geology: "Illustrations of the Huttonian Theory of the Earth" by John Playfair, published in Edinburgh in 1802. An introduction to the 528-page facsimile reprint was prepared by Doctor White, as well as biographical notes on Hutton and Playfair. In 1785 Dr. James Hutton of Edinburgh presented the theory of uniformitarianism which has affected geological thinking for more than a century and a half. It is known generally thru the commentary of Playfair. Today few copies of this important book are available outside of libraries. Because of its importance in the history of science, and increasing interest in the work both by geologists and others, the UI Press reproduced a copy of the 1802 original edition, a copy of which is now in the Spindletop Engineering Library of the Lamar State College of Technology, Beaumont, Texas. Dr. H. E. Eveland (BS '47; MS '48; Ph.D. '50), head of the Department of Geology at Lamar State College, made arrangements for the loan of their copy to the University Press for reprinting.

Doctor White continues as chairman of the LAS Building Committee, and is a member of the University Building Committee.

LECTURES

LAMORAAL ULBO DE SITTER, of the Geological Institute of Leiden University, Holland, lectured on "Structural Geology of the Pyrenees" October 11, 1956.

Professor de Sitter began his professional career with the Shell Organization, working as a field geologist in Borneo, Venezuela, and Java. In 1934 he became professor at Leiden University where he directs the field training of students. His field surveys have taken him to Lombardy, Sweden, Algiers, Morrocco, the Pyrenees, the Asturian Mountains, and northwest Spain. During the war he did structural-geophysical work in the Netherlands. Structural geology is his chief interest, and he has studied periods from the younger Tertiary to the Mesozoic, the Paleozoic and the pre-Cambrian, and formations from simple basins to mountain ranges.

Professor de Sitter's most recent book "Structural Geology" was published in America in 1956. It is an advanced text on the principles of structural geology which emphasizes theory and experiment in their relation to geological structures throughout the world.

VICTOR A. EYLES, of the Geological Survey of Great Britain, well known for his work on laterite and bauxite, spoke at the Geology Colloquium at noon on November 12 on "Laterite and Bauxite Deposits of Northern Ireland".

Doctor Eyles is also the foremost expert in Britain on history of geology. He spoke before the History of Science Society that evening on "History of Ideas About the Age of the Earth".

Doctor and Mrs. Eyles attended the International Geological Congress in Mexico City in September. They saw quite a bit of the States before leaving for Great Britain via New York, Florida, and Jamaica.

Doctor and Mrs. Eyles (also a geologist) examined our Library and made a brief report on our collection of important early books. They were impressed by the holdings we have and made suggestions for requisition in certain directions.

J. LAURENCE KULP of Columbia University spoke on "Recent Advances in Geochronomety" on December 6, 1956. Doctor Kulp was one of the speakers on the AAPG Distinguished Lecture tour for 1956-57.

MEETINGS ATTENDED

American Association of Petroleum Geologists

The annual meeting was held in Chicago, April 23-27, 1956. Doctor Shaffer was a member of the local committee and chairman of the subcommittee on reservations for rooms and alumni meetings. Among papers presented by alumni or staff were:

CARL A. BAYS and M. WILLIAM PULLEN, JR., of Carl Bays Associates, Urbana: "Physical conditions of sealing beds for gas storage reservoirs".

ALBERT CAROZZI, University of Illinois: "Tracing turbidity current deposits down the slope of an Alpine Basin".

MAXIM K. ELIAS, University of Nebraska: "Recent and Ancient Penetrants".

DAN E. FERAY and ..., Magnolia Petroleum Co., Dallas: "Nature of porosity and permeability in the Edwards formation, Texas".

W. D. JOHNS, JR., and R. E. GRIM, University of Illinois: "Clay-mineral composition of recent sediments from the Mississippi river delta".

BERNARD KUMMEL, Harvard University: "Paleoecological evidence from sediments".

JOSEPH C. MUELLER and HAROLD R. WANLESS, Continental Oil Co., Oklahoma City, and University of Illinois: "Differential compaction of Pennsylvanian sediments in relation to sand-shale ratios, Jefferson City, Illinois".

HOWARD SCHWALB and CHARLES COLLINSON, Illinois State Geological Survey: "Specific variations among arenaceous Silurian Foraminifera from Illinois".

The following attended the Illinois alumni luncheon held on Wednesday, April 25 in the Tower Room, Conrad-Hilton Hotel. Doctor D. D. Utterback served very ably as Master of Ceremonies. Doctor Wanless introduced those present.

C. J. Acker
W. H. Allen
Mrs. W. H. Allen
Donald Baird
John Bredehoeft
A. L. Bell
Alex Broun
Norbert E. Cygan
Lester W. Clutter
Howard Cramer
Robert J. Cordell
John Clark
George Cohee
Thelma Johnson Chapman
William D. Cunningham
W. M. "Bill" Decker
James W. Dean
Frank W. DeWolf
Fanny D. DeWolf
George J. Elliott
Dale C. Finley, Jr.
James H. Fisher
George T. Fries
Gene Frund
Albert Gillis
Harold Gluskoter
Donald Gednetz
Carl F. Grubb
Richard M. Golden
Sidney Glenn
James Garrett
Florence Honea
Robert C. Honea
Jim M. Harden
Charles J. Hoke
C. R. Haworth
M. E. Hopkins
Norman Haack
W. D. Johns
Robert B. Johnson
Paul Jahn
R. M. Kosanke
John L. Lester
Haydn H. Murray
Faris K. Moyer
Mrs. Jean M. Moore
William M. Merrill
Rosa M. Nickell
Tom Nolan
Bill O'Heran
Fred Pampe
Dale Patterson
Sanford Phillips
Peggy Parker
Wayne A. Pryor
John E. Peterson
Frank H. T. Rhodes
H. W. Scott
P. R. Shaffer
Jack A. Simon
Henry N. Toler
Louis Unfer, Jr.
D. D. Utterback
H. R. Wanless
G. W. White
Dick Winar
George Wilson
Fred Williams
Donald L. Wills
Dick Weart
John A. Wood
Ronald A. Younker

There were 72 at the luncheon. The 1957 meeting will be held in St. Louis, April 1-4, 1957.

Geological Society of America

The annual meeting of the GSA was held in Minneapolis, October 31, November 1-2, 1956. Doctor Merrill was in charge of arrangements for the alumni luncheon on November 1. Allan Agnew very ably served as master of ceremonies. Those present were:

Allan F. Agnew	Paul Hughes	Paul R. Shaffer
Jack Baker	William W. Hay	Robert Shaver
Donald Ballmann	Robert Karpinski	Jack Simon
C. A. Chapman	Paul Karrow	John Stone
George Cohee	Morris M. Leighton	Richard Threet
Larry Doyle	William M. Merrill	Charles W. Tomlinson
Kingsley Dunham	Ernie Muller	Harold R. Wanless
George Ekblaw	Fred Major	Richard C. Weart
James Fisher	Father Carl Neiset	George Wilson
Ralph E. Grim	Bruce Nelson	Marcia Winslow
J. E. Harrison	William Oliver	John Winslow
John Harrison	Terry Quirke	George W. White
Jack L. Hough	Robert Roth	

Among papers presented by alumni or staff were:

GEORGE E. EKBLAW, Illinois State Geological Survey: "Role of Engineering in Pleistocene Geology".

FRANCIS P. SHEPARD, Scripps Institution of Oceanography: "Sediment relations to perimeter of Mississippi Delta"

... and D. M. HENDERSON, University of Illinois: "Structural studies of minerals by means of nuclear magnetic resonance".

D. M. HENDERSON and ..., "Nuclear magnetic resonance determination of the position of hydrogen in $Ca(OH)_2$--portlandite".

MAXIM K. ELIAS, U. S. Geological Survey: "Life cycle and evolution of Bryozoa".

JANE GRAY, University of Texas: "Miocene pollen floras from Oregon".

BUDD B. ADAMS, University of Wisconsin: "Structural studies based on gravimetric and geologic data in east-central Minnesota".

JACK L. HOUGH, University of Illinois: "Great Lakes from the Glenwood and Warren stages to the Algonquin stage"

... and JAMES M. SCHOPF, U. S. Geological Survey: "Geochemical studies of coalified wood from the Colorado Plateau".

TAISIA STADNICHENKO, and others, U. S. Geological Survey: "Beryllium in the ash of American coals"

... and JOHN A. HARRISON, Illinois Geological Survey: "Coal microscopy: transmitted and reflected light".

GEOLOGY TEACHERS INSTITUTE

The University of Illinois has been selected by the National Science Foundation as the site for the nation's first Summer Institute in Geology. This institute will be held June 17-August 10, 1957. Professor Donald M. Henderson and Professor Arthur F. Hagner will direct the institute.

A $40,800 grant for this work has been made by the Foundation. The institute will be one of 5 to be operated in various fields of science for college teachers. Geology was selected as one because of rapid advances since the war, especially in understanding atomic structure of minerals, with which many teachers in the field have not been able to keep up.

Thirty college teachers from throughout the nation will be given stipends of $600 plus $120 for each dependent and travel allowance to attend the Illinois session.

Professor Henderson is nationally recognized as a leader in modernization of mineralogical instruction and Professor Hagner is a specialist in mineral formation and long interested in application of new approaches to teaching in this area.

Professor R. M. Garrells of Harvard University will be on the Illinois staff for the first four weeks of the institute as a specialist in geochemistry. He has had a part in the development of many of the topics to be treated during the session.

CONFERENCES

Ground-Water Conference

One of the first ground-water conferences in the Midwest was held December 6-7, 1956 at the Natural Resources Building with the Illinois State Geological Survey and the Illinois State Water Survey as co-sponsors.

The purpose of the conference was to provide an opportunity for state geologists, water engineers, and their colleagues to discuss ground-water problems common to the Midwest.

Geologists from Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, Ohio, Tennessee, Wisconsin, and Illinois summarized their state ground-water programs, and considered the advisability of an annual conference.

Doctor Maxey of the Survey and the Department of Geology helped plan the program.

Robert Cullen Smith, BS '42, Assistant Chief of the Ohio Division of Water, Columbus 12, Ohio attended the conference as a participant, and visited the department for a few moments.

Petroleum Engineering Conference

On October 29 and 30, 1956, the Petroleum Engineering Conference on Water Flooding, sponsored by the Illinois State Geological Survey in cooperation with oil industry organizations of the Illinois Basin was held on the Urbana campus. Paul A. Witherspoon was chairman of local arrangements committee. Wayne A. Pryor who received his MS in 1954 at Illinois while working in the department and at the State Survey, left in September 1956 to begin work at Rutgers University, presented a paper with George B. Maxey of the Illinois Survey on "Sources of Groundwater for Water flooding in Illinois". Roscoe E. Wise, BS '48 with Sun Oil Company along with David R. Stewart presided at one of the technical sessions on October 29 and Carl F. Pampe, BS '41 of the Pure Oil Company, along with others, presided at one of the technical sessions on October 30. George D. Hockman, BS '53 who is in oil production work with his father visited the department while attending the sessions.

Clay Conference

The Fifth National Clay Conference was held in Urbana, October 8-10, 1956. More than 200 persons from all over the United States and Canada attended the conference.

Bruce W. Nelson, Ph.D. '55, now associate professor at VPI, presented a paper on Illite-chlorite Weathering in the Virginia Triassic. Edward C. Jonas, Ph.D. '54 now Assistant professor at the University of Texas, presented a paper on Experimental Structure Factor Curves of Montmorillonites.

Other alumni who visited the department and attended the conference were: Hildy and Len Schultz, Ray McAllister, William D. Johns, John Hathaway, Pat Byrne, Haydn Murray, and Bob Roth.

Doctor Ralph E. Grim served as chairman of the conference.

Conference of Illinois Colleges on Undergraduate Research

The National Science Foundation at the request of the Illinois State Academy of Science made available the sum of $7000 for the purpose of setting up a Conference on Undergraduate Research. This conference was held in Urbana in February. The purpose was to encourage sound science teaching, to aid in attracting good students into science at the college level, to improve the lot of the small college science professor by making it possible for him to engage in research activities with the help of interested and qualified undergraduate students, and to increase the number of superior small college graduates who will apply for graduate study in this and other universities.

Dr. Shaffer of our department was in charge of the geology seminar, assisted by Dr. White. Other seminars were in biology, chemistry, physics.

Short Course in Earth Sciences for Water Well Contractors

A short course in geology, hydrology and water chemistry was held on the campus January 28-February 1, 1957. The course, designed for water well contractors, was sponsored by the National Water Well Association in conjunction with the Illinois Geological Survey, the Illinois Water Survey, the University Division of Extension and the Geology Department. Robert D. Knodle, assistant executive secretary of the National Water Well Association, which has its office in Urbana, said the purpose of the short course was to master "the basic fundamentals" of geology, hydrology and water chemistry.

Professors Shaffer and White of the department were among the instructors in the course.

The remarkable response on the part of the drilling contractors throughout the country may make it necessary to schedule another course of this kind.

FIELD WORK

Doctor Merrill was in charge of the field course to the Southern Appalachians last spring. He was assisted by Doctor Carozzi and Donald Ballmann. Dean Francis Koenig of the LAS College accompanied the group. I served as chaperone. Thirty-two students were enrolled in the class.

The route was changed somewhat from past years. Norris Dam, underground lead and zinc mines at Mascot were visited, as well as Mammoth Cave. We spent the nights at Louisville, Kentucky, LaFollette, Gatlinburg, Cleveland, and Nashville, Tennessee and Mammoth Cave, Kentucky. The southernmost point of the trip was Blue Ridge, Georgia where staurolite crystals were collected. A most impressive sight to me and I believe to most of the students was Ducktown area - what a waste!

The country was beautiful, the trip was wonderful (no rain until the day of return) then a tornado on our heels; back in Urbana-Champaign in time for dinner after 7 days of travel, but it was worth it.

For the second successive summer our field camp was held at Sheridan, Wyoming. Doctor Rhodes was director, assisted by Dr. James H. Fisher, formerly on the staff but now with the University of Nebraska, Dr. George B. Maxey, Dr. Charles B. Moke of the College of Wooster, Ohio, Norbert E. Cygan, formerly on our staff as teaching assistant but now with the Ohio Wesleyan University, and graduate assistants, John Bredehoeft and John Stone. Forty-nine students were enrolled for field work and that number could have been doubled had we been able to handle that large a group. Twelve vehicles were used to convey the group to Sheridan.

Requests for enrollment for the 1957 summer have been received and no doubt the number will be larger than we can handle. The staff has been partially selected. Doctor Merrill will be in charge in 1957.

SUMMARY OF ORIGIN OF GRADUATE

STUDENTS IN GEOLOGY, I SEMESTER, 1956-57

Number of Graduate students	70
Number of Colleges represented by Bachelors' degrees	46
Number of Universities represented by Masters' degrees	15
Number of different institutions represented (Institutions are in 25 states, 3 provinces, and 5 countries)	52

ORIGIN OF GRADUATE STUDENTS IN GEOLOGY

Bachelors from these 46:

Arizona
Augustana
Beloit (2)
Berea
Boston University
Brown
Columbia
Connecticut (2)
Cornell College
Cornell University
Dartmouth
Dayton
Depauw
Franklin and Marshall
Illinois (11)
Iowa State
Kentucky State
Lehigh
Macalester
Mandolay (Burma)
Manitoba (Canada)
Marietta (2)
Marshall
Miami (2)
Mississippi
Missouri (2)
New Hampshire
Ohio Wesleyan (2)
Ohio University
Oregon State
Oxford (England)
University of the Philippines
Pittsburgh (2)
Princeton (2)
Queens (Canada)
Rochester
St. Josephs (6)
Saskatchewan (Canada)
Southern Illinois (2)
Southern Methodist
Texas (2)
Toronto (Canada)
Wisconsin
Wooster (2)
Wyoming

Masters from these 15:

Arizona (2)
Florida State
Illinois (11)*
Indiana
Iowa State
Kansas
Miami (3)
Minnesota
Missouri (2)
Saskatchewan
Texas
Washington State
Wisconsin
Wyoming

* 8 with Bachelors elsewhere

DEGREES AWARDED 1956

February 1956

Ph.D.

John Brown Droste
John Patterson Wehrenberg

BS/BA

Clem John Acker
Kent Beauchamp
Robert William Coster
Edwin Harley Franklin
Harold Jay Gluskoter
Dennis Francis McCarron
Richard Alan Muenow
Richard James Powers
Dewey Leroy Sims
Gordon Russel Smale

MS

Curtis Henry Ault
Donald Wallace Baird
William Jack Chamblin
Norbert Everett Cygan
Maxwell Silverman

June 1956

Ph.D.

Elizabeth Pretzer Rall

BS/BA

Ted Harry Foss
William Joseph Lang
Paul Estranza LaViolette
John Eric Lindskold
Donald Leo Maurer
James Terry McCollum
Don Richard Pennington
George Andrew Placzek, Jr.
Paul Theodore Prestholt
Dale Owen Reese
Rudolf Bernhardt Siegert, Jr.
Stephen Thomas Tisza
Gordon Dean Upchurch
Johnie Battista Vercellino
John Albert Wood
Richard Allen Yund

MS

Jack Baker
Donald Lawrence Ballmann
Frederick William Cropp III
Robert Wilson Fisher
Dipankar Niyogi
Dale Duane Patterson
Sanford Ingels Phillips
Sushil Kumar Siddhanta
Clifford Layne Van Horn
Lee Foster Williamson

August 1956

BS/BA

Donald Robert Kaysser
Ronald Delmont Mink

MS

Robert Errol Myers
Wilbur Lloyd Stevenson
Bruce Irvin Susong

October 1956

Ph.D.

Richard Hall Benson
Nelson Raymond Gadd

MS

Milton Friedrich Langer
Allan Dow Randall

THESES 1956

ANDRESEN, MARVIN JOHN, BS 1955; MS October, 1956: Subsurface Stratigraphy and Sedimentation of the West Franklin-Cutler Limestone Zones of Southern Illinois (Wanless)

AULT, CURTIS HENRY, BS (Kent State University) 1954; MS February 1956: Petrology of the Upper Cloverly Formation along the Eastern Flank of the Big Horn Mountains (Hough)

BAIRD, DONALD WALLACE, BA (Monmouth) 1950; MS February 1956: Pennsylvanian Fusulinids from the Piedra River Valley Archuleta County, Colorado (Wanless)

BAKER, JACK, AB (Princeton) 1950; MS June 1956: Without thesis

BALLMANN, DONALD LAWRENCE, AB (St. Joseph's College) 1954; BS 1955; MS June 1956: The Geology of the Southeast Quarter of the Red Rock Quadrangle, New Mexico (Chapman)

BORDEN, EUGENE WILLIAM, BS (Lamar State College of Technology) 1955; MS August, 1956: The Hystrichosphaeridae, A Group of Microfossils of Uncertain Affinities (Rhodes)

CHAMBLIN, WILLIAM JACK, BS 1955, MS February 1956: Pennsylvanian Conodont Faunas from Iowa (Rhodes)

CROPP, FREDERICK WILLIAM, III, BA (College of Wooster) 1954; MS June, 1956: Pennsylvanian Spore Floras from the Warrior Basin, Mississippi and Alabama (Wanless)

CYGAN, NORBERT EVERETT, BS 1954; MS February 1956: The Stratigraphy and Paleontology of the Ordovician Bighorn Dolomite of North Central Wyoming (Rhodes)

DROSTE, JOHN BROWN, BS 1951; MS 1953; Ph.D. February 1956: Clay Mineral Composition of Till in Northeastern Ohio (Grim)

FISHER, ROBERT WILSON, BS 1953; MS June 1956: Geographical Variation of Maximum Grain Size in the Tar Springs Sandstone (Hough)

HAACK, NORMAN ERWIN, BA (Whittier College) 1955; MS August 1956: Devonian Agglutinated Foraminifera from Illinois (Rhodes)

NIYOGI, DIPANKAR, B.Sc. (hons.) (Calcutta University) 1947; M.Sc. (Calcutta University) 1949; MS June, 1956: Slope Stability in Geomorphology (White)

PALMER, JAMES EDWARD, BS, 1955; MS August, 1956: Geology of An Area Near Rosiclare, Hardin, and Pope Counties, Illinois (Wanless)

PATTERSON, DALE DUANE, BS 1955; MS June 1956: Correlation of the Montana Group of the Upper Cretaceous Between Salt Creek, Wyoming and Billings, Montana (Rhodes)

PHILLIPS, SANFORD INGELS, BA (Dartmouth College) 1955; MS June, 1956: Residues from the Hydrofluoric Acid Treatment of Paleozoic Shales (Wanless)

RALL, ELIZABETH PRETZER, AB (Brown University) 1943; AM (Columbia University) 1946; Ph.D. June, 1956: Pennsylvanian and Lower Permian Geology of Sutton and Schleicher Counties, Texas (Wanless)

SIDDHANTA, SUSHIL KUMAR, B.Sc. (Calcutta University) 1937; M.Sc. (Calcutta University) 1940 - Chemistry; MS June 1956: The Nature of Clay Minerals in Some Wyoming Bentonites and the Estimation of the Montmorillonite Content by Differential Thermal Analysis--A Critical Study (Grim)

SILVERMAN, MAXWELL, Geol. E (Colorado School of Mines) 1949; MS February 1956: The Possibility of Contamination in Underwater Piston Core Samples (Hough)

VAN DEN BERG, JACOB, BS (University of Arkansas) 1952; MS August 1956: Pennsylvanian Stratigraphy Above the Shoal Creek Limestone in Illinois (Wanless)

VAN HORN, CLIFFORD LAYNE, AB (Berea College) 1952; MS June 1956: Effects of a Silurian Reef on Mississippian and Pennsylvanian Sediments (Hough)

WEHRENBERG, JOHN PATTERSON, BS (Mo. School of Mines) 1950; MS 1952; Ph.D. February 1956: Diffusion of Zinc Through Carbonate Systems (Chapman)

WILLIAMSON, LEE FOSTER, BS (University of South Carolina) 1951; MS June 1956: A Subsurface Study of a Channel Filled with Hardinsburg Sand South of McLeansboro, Hamilton County, Illinois (Hough)

WRIGHT, THOMAS LEE, BS (Lawrence College) 1954; MS October 1956: The Occurrence and Genesis of Graphite in the Mellen Gabbro, Ashland County, Wisconsin (Hagner)

YUND, RICHARD ALLEN, BS June 1956: Helvite-Danalite and Associated Minerals from the Bartlett Iron Mine, Near Bartlett, New Hampshire (Henderson)

MARRIAGES

FOREST D. ETHEREDGE and JOAN HORAN, 4-30-55

JAMES GARRETT and BETTY LU SAAS, 7-14-56

HAROLD GLUSKOTER and LEAH LEVIN, 2-3-57

DONALD W. HUTCHESON and LILLIAN EVERMAN, 11-23-55

MURRAY LEVISH and GRACE BOVE, 1956

ARNOLD C. MASON and CATHERINE LOUISE HARRISON, 6-23-56

DAVID G. MILLER and BETTY MAGEE, 8-25-56

ROBERT E. MURPHY, JR., and GWENDOLYN WOMMACK, 8-18-56

DON RICHARD PENNINGTON and BARBARA HELEN HILDEBRAND, 11-25-56

FRANK TITUS and JEAN ELLEN ELLIS, 7-7-56

RICHARD VORIS and ANNA FAYE THRASH, 6-30-56

VIRGINIA WILSON and LIONEL LESTER, 7-6-54

EUGENE ZIEMBA and MARY HELEN NELSON, 4-21-56

BIRTHS

WILLIAM ROBERT, son of Robert E. and Rita Bishop, 10-23-56

JEAN ANN, daughter of Mr. and Mrs. J. C. Bradbury, 9-3-56

ALLEN SPOONER, JR., son of Allen and Pat Braumiller, 3-20-57

JACQUELIN JILL, daughter of Bruce and Barbara Bohor, 10-26-56

DAVID CHARLES "Chucky", son of David and Joy Brierley, 8-22-56

MARK STEVEN, son of Olene and Gene Broaddus, 4-12-56

AMY RUTH, daughter of John and Peggy Brophy, 4-16-56

WILLIAM THOMAS, son of Mr. and Mrs. W. S. Caldwell, 5-56

CURTIS WRIGHT, son of Robert and Beverly Campbell, 10-10-56

NICHOLAS, son of Dr. and Mrs. J. Mike Carr, 1-56.

FOREST WILLIAM, son of Forest and Joan Etheredge, 3-10-56

WILLIAM CLYDE, son of Lt. and Mrs. Clyde Fisher, Jr., 9-8-56

JEANNE ANNE, daughter of Jim and Ann Fisher, 3-2-56

RICHARD WILSON, son of Robert and Martha Fisher, 11-23-56

MURRAY ALAN, son of Nelson and Joy Gadd, 4-29-56

JONATHAN, son of Mr. and Mrs. W. R. Griffitts (Mary Oswald), 3-19-56

BARBARA LYNN, daughter of Mr. and Mrs. Bob N. Grinnell, 11-23-56

CATHERINE ANN, daughter of Mr. and Mrs. David Hadley, 6-56

CHARLES EDWARD, son of Rozella and Dick Hardy, 8-21-56

SUZANNE MARIE, daughter of Bill and Jeral Dean Lang, 5-31-56

ANNE MARIE, daughter of Mr. and Mrs. Loinel Lester (Virginia Wilson), 8-5-56

ERMINIE BARBARA, daughter of Mr. and Mrs. David Minard, 1956

PATRICIA ANN, daughter of Mr. and Mrs. Faris K. Moyer, 10-56

JAMES ANDREW, son of Prof. and Mrs. William A. Oliver, 7-2-56

BIRTHS (continued)

THEODORE PAUL, son of Mr. and Mrs. Paul Orkild, 10-26-56

MICHAEL ERIC, son of Meredith and Ann Ostrom, 6-6-55

DANIELLE, daughter of Mr. and Mrs. Daniel Parmesan (Dorothy Johnson), 7-3-56

RICHARD H., son of Mr. and Mrs. Darrell H. Reno, 1956

JILL MARGARET, daughter of Bob and Beryl Shaver, 6-27-56

_____, daughter of Gordon and Barbara Smale, 7-19-56

JULIE, daughter of Wilbur and Carry Stevenson, 12-6-56

GEORGE MICHAEL, son of Mr. and Mrs. D. M. Sutton (Ann Livesay), 2-10-57

CATHERINE JOANNE, daughter of James and Joanne Tharin, 9-4-56

CHRISTEINA, daughter of Mr. and Mrs. Ronald Willis, 5-29-56

CHARISSE NOEL, adopted daughter of Walt and Jane Ziebell, 1956

DECEASED

MARIA M. STADNICHENKO, 1956

Miss Stadnichenko, a native of Crimea, Russia, received her secondary education in Vladivistok, which she left in 1920. She was a graduate of the University of Illinois with a BA degree in geology in 1923. She did graduate work at Bryn Mawr. Miss Stadnichenko studied with Dr. Albert Mann from 1925-1927 while working at the Smithsonian Institution, and published a paper on ostracods. She was associated with the Imperial Oil Company in Peru as a geologist and micropaleontologist from 1927-1937. Her collection from Peru was described and catalogued at the Smithsonian from 1942-1945. From 1945-1947 she was employed in Venezuela. She is survived by her mother and three sisters, Luba, Vera, and Taisia. Taisia is also a geologist who did work in the department of geology at Illinois in 1918-19.

JOHN L. RICH

Doctor Rich was born in Hobart, New York in 1884. He received all his degrees from Cornell University. Doctor Rich was on the staff here from 1911 to 1918 as an instructor and associate in geology, and also part-time with the State Geological Survey. After leaving here he served as petroleum geologist for various companies until 1931. At that time he became professor and head of the department of geology at the University of Cincinnati which he held until his retirement last year. At the time of his death he was on a field trip in Ohio with the State Board of Natural Resources, of which he was a member. Doctor Rich received many awards from national and international geological and geographical groups. He was a close friend of Professor DeWolf.

HENRY N. WATKINS

Mr. Watkins was assistant I Semester 1952-1953. He received his BS from Marshall College in 1952. Details of his death are unknown to the office.

OLIVER W. BEIMFOHR, October 12, 1956

Dr. Beimfohr received his BS degree in June 1940 with High Honors. He did graduate work at Vanderbilt University and received the MS degree in 1941. Dr. Beimfohr served as an assistant in geography here in 1942-43 and instructor in 1944-46. In 1948 he was with the Ohio State University working toward the Ph.D. degree which he received in 1952. Dr. Beimfohr went to Southern Illinois University, Carbondale, Illinois in 1950, and was associate professor at the time of his sudden death. Our sincere sympathy goes to Mrs. Beimfohr and their son, John.

HUNZA, LOST KINGDOM OF THE HIMALAYAS

John Clark, BS '31, (MS '32 Pittsburgh; Ph.D. '35 Princeton) is the author of "Hunza, Lost Kingdom of the Himalayas". Dr. Clark tells of his attempts to instill a spirit of independence in Hunza, a small province in northern Pakistan.

Dr. Clark was hired by the Pakistanian government to do a geological survey of the area. Along with the geological survey it was Dr. Clark's hope to be able to instruct the people of Hunza in ways which would increase their standard of living. Dr. Clark first became interested in this work while in the China-Burma-India theatre during World War II. He made the longest ground reconnaissance in Army history, over 9,000 miles. Not only a geologist, Clark became a sociologist, missionary, agricultural advisor and doctor. He has the ability to inspire young people to follow him which aided immeasurably in this venture. It was this influence he had on nine boys which finally led to Clark's expulsion by the King of Hunza. The king resented the spirit of independence which he instilled in these boys because it was not a part of the traditional thought of Hunza. During his 20-month tenure in the province he taught handicraft trades, showed the people how to plant high mountain gardens, treated patients at his free medical dispensary and aided the natives in many ways. It is a very interesting accounting of Mr. Clark's everyday encounters, and shows what can be done in Asia if one sincerely makes an effort to work with the natives on a personal basis.

HIGHLIGHTS ON UI GEOLOGY ALUMNI

UI Degrees in Geology, 1894-1956

BS degrees	565
MS degrees	278
Ph.D. degrees	64
Graduate students, no degree	56
Total	963
Less duplications for 2 or 3 degrees	196
Total Alumni	767

Professional Geologists (includes 42 graduate students in 26 universities)	540

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Total advanced degree alumni (includes 56 graduate students who received no UI degree)	355

Advanced degree alumni in profession (includes 14 men now in armed forces)	339

****

Women in geology	13

****

Distribution of UI Geologists

Petroleum and related	290
Federal & State Surveys	97
University and College	67
Graduate students	42
Industrial geology	33
Mining geology	13
	540

****

Major employers & Highest Degree

	BS	MS	Ph.D.	Grad. No. Degree
Petroleum	116	134	12	15
Surveys	17	24	27	19
University	4	12	42	9

****

Of 565 UI bachelors,[1] 178 went on to earn MS
Of 565 UI bachelors, 55 went on to earn Ph.D.

[1]Includes 36 still in graduate school and 33 in army who should earn at least 40 MS and 15 Ph.D.

DISTRIBUTION OF ILLINOIS GEOLOGY ALUMNI
(Listed under highest degree at UI or elsewhere - no duplications)

	BS	BS (MS elsewhere)	BS (Ph.D. elsewhere)	BS-MS -	BS-MS (Ph.D. elsewhere)	MS	MS (Ph.D. elsewhere)	BS-MS-Ph.D.	MS-Ph.D.	Ph.D.	Grads. No degree[1]	Total
Armed Forces[2]	30			2	1	7				1	3	44
Consulting Geologists	21	2	1	10	1	3		4	1		4	47
Graduate Students	28			8		6						42
Housewives	37	2		6		2						47
Industrial Geologists	13	1	1	2		3		1		2	2	25
Mining Geologists	4			4		4				1		13
Oil & Gas Companies	86	13	3	62	1	45	4	3	1	4	13	235
Oil Services	9			3				1			1	14
Surveys	17	4	2	9	2	21	2	10	6	5	19	97
Universities & Colleges	4		6	3	9	9	3	9	7	8	9	67
Non-Geology	88	3		7		2					3	103
Occupation Unknown[3]	74	2		1		1					2	80
	374	25	13	111	14	101	9	28	15	21	56	767

[1] (a) Many of these later earned graduate degrees elsewhere
(b) No UI BS included here, altho probably 30 or more have taken some graduate work but did not go to a degree

[2] Includes 8 career officers, 21 ROTC officers, and 16 enlisted men

[3] Mainly younger men awaiting draft call or recently inducted; includes 20 or more probably now in geology but unreported; about 10 for whom we have no valid address

N.B. Former staff members not included in tabulation above unless UI alumni

ARMED FORCES

ALLEN, FRANCIS W., BS '54: 2nd Lt., 59th AAA Btn. "C" Battery, Ft. Bliss, Texas, or 4036 Sedalie, El Paso, Texas.

BAKER, RAY G., BS '52 with Honors: Major, 631 Galveston Pl., SE., Washington 20, D.C., or c/o Logan Smith, RR 1, Box 200, Stacy, Virginia.

BEAUCHAMP, KENT, BS '56: (Home: 7653 S. Yates, Chicago, Illinois). Service address unknown.

BISHOP, ROBERT E., BS '54; Asst. '54: 1st Lt. 521 St. Engr. Co. (Topo Avn.), Stockton Field Annex, Sharpe General Depot, Lathrop, California. (Home: RR 1, Bridgeport, Illinois). Bob attended helicopter school at Ft. Rucker, Alabama, graduating in February. They then returned to California. Bob and Rita have a son, (William Robert "Billy"), born October 23, 1956.

BLACK, RONALD E., BS '50: Captain, 964 E. 23rd St., Merced, California.

BLAESING, HARRY V., BS '54: Fire Direction Computer, U.S. Army, Hq 1 SVC Btry, 10th FA Bn (Prov.), 3rd Inf. Div., Ft. Benning, Georgia. (Home: 2825 W. 36th St., Chicago 32, Illinois).

BOYER, WILLIAM E., BS '53: Ens., NAS - BOQ, Hutchinson, Kansas.

BROWN, GEORGE D., Jr., (BS '53 St. Joseph's); MS '55; Asst. '53-54: Is a junior geologist with Stanolind Oil and Gas Co., of Casper, Wyoming, on leave, now in the army in Germany. George should return to the states around May or June, 1957.

CASLER, HARRY G., BS '55: Box 414, Boulder Creek, California. Service address unknown.

CHAMBLIN, WILLIAM J., BS '55; MS '56; Asst. '55: 2nd Lt., 3360 Narrow Lane Road, Montgomery, Alabama. (Home: 504 W. Pine, Robinson, Illinois).

DACHNOWSKYJ, MYRON, BS '57. Army June 1 for 6 months. (Home: 2316 W. Rice St., Chicago, Illinois).

FIEBIG, JULIUS W., BS '48: Captain, 47th Bm. Wing, 85th Bm Sqdn., APO 22, New York, New York. They have a new son, Jay Walter, born August 24, 1956.

FISHER, CLYDE, Jr., BS '53: 1st Lt., Aviation Officer, Hq. CC "A", 2nd. Armd. Div., APO 28, New York, New York. Clyde will gyroscope back to Ft. Hood, Texas in the fall of 1957 after 2 1/2 years in Germany. Their third child, William Clyde, was born in Heidelberg, September 8, 1956. (My birthday, too)! Clyde plans to make a career of the Army.

FUCHS, ROBERT L., (BS '51 Cornell Univ.); MS '52; Asst. '51-52: Staff geologist, Socony Mobil Oil Co., 92 Stuart Ave., Amityville, New York. Presently he is Ensign, U.S. Navy, 428 San Juan, Oak Harbor, Washington.

FULTZ, DUANE, AB '41: Lt. Col., U.S. Marine Corps, MR1 Marine Corps Base, Camp LeJeune, North Carolina.

GROTE, BENJAMIN, (B.Ed. 28 Western Illinois State Teachers College); AM '34 in Education; Ph.D. '49; Asst. '39-42: Major, U.S. Air Force, Executive Officer, Air Base Group, Scott Air Force Base, Belleville, Illinois, or 301 Hesse Avenue. We are glad that Ben and Ester escaped serious injuries when enroute to Edwardsville last Memorial Day when a couple of cars sideswiped them into a bridge. Ben attended the Air Force Academy at Denver, in October. An overseas assignment is pending.

HAACK, NORMAN E., (BA '55 Whittier College); MS '56; Calif. Fellow, '55-56: Ensign, USNR, USS Hopewell (DD681), SanDiego, California. (Home: 619 N. 2nd Ave. (E), Rock Rapids, Iowa). After receiving the MS in June 1956 Norman went with Standard Oil Co. of Texas before entering the Navy in July. He was home in Iowa for the Christmas holidays.

KRETSCH, DONALD L., (AB '52 Augustana); Asst. '52-53; (MA '55 Mo.): Pvt. U.S. Army, Ft. Winfield Scott, Presidia, San Francisco.

LANG, WILLIAM J., BS '56: Pvt. U.S. 55586131, Student Dispatch AIS, Fort Slocum, New York, New York. (Home: St. Joseph, Illinois) During the summers and after graduation, Bill worked for Carl A. Bays, Inc.

LEONARD, LAWRENCE E., BS '56: Pvt. 1st Class, D. Btry. 13th Tng. Bn (CST), Fort Bliss, Texas. (Home: 9220 W. 26th Ave., Denver 15, Colorado)

LEONARD, ROBERT W., BS '55: 1st Lt., U.S. Army Aviator, U.S. Army, 521st Engr. Co. (Topo. Avn.), Sharpe General Depot, Cathrop, California. Bob had temporary duty at Ft. Rucker, Alabama from January '57 thru March '57 for helicopter training. A son, Jeffrey Alan, was born July 2, 1956.

LIEB, WILLIAM D., BS '52: 1st Lt., assigned to the Pacific Theatre. (Home: Waterloo, Illinois).

LINDSKOLD, JOHN E., BS '56: 2nd Lt., Air Force, for 3 years from Jan. 25, 1957. (Home: 1925 2nd Ave., Rockford, Illinois). Formerly with Carl A. Bays, Inc. Working in Black Hills of South Dakota.

LUNDWALL, WALTER R., (BS '55 Bowling Green St. Univ.); UI '55: 2nd Lt., U.S. Army, Launcher Platoon Leader (NIKE), 13 Bridge St., Bristol, Rhode Island. On July 28, 1956 he and Kay had a son, Walt III, born in El Paso, Texas. Walt is assigned to a NIKE guided missile unit.

MCCARRON, DENNIS F., BS '56: Lt. at Ft. Belvoir, Virginia, or 505 N. Howard, Alexandria, Virginia. Dennis was formerly Engineer for Peoples Gas, Light, Power Co., 8044 S. Shore Drive, Chicago, Illinois.

MCCOLLUM, JAMES T., AB '56: 2nd Lt., U.S. ATC (Engr.), Fort Leonard Wood, Mo. (Home: 1118 W. John, Champaign, Illinois). Jim visited department in December.

MCGREGOR, JACKIE D., BS '55: Pfc., Tank Co., 16th Infantry Regiment, Fort Riley, Kansas. (Home: 609 W. Elm St., Olney, Illinois.) Jackie should be released sometime this summer and plans to enter graduate school next fall.

MOODY, DWIGHT M., BS '55, Agri.: (Home: 102 West "M" St., Aledo, Illinois). In December Dwight entered the service for 6 months. He worked full time at the Illinois Survey during the summer of 1956 and plans to return to the Survey for work during the summer of 1957. Released from Service July 1957.

NOLL, DONALD E., BS '39: Lt. Col., U.S. Marine Corps, Rt. 1, Box 125, Century, Florida.

OFFIELD, TERRY W., (BS '53 VPI); MS '55; Asst. '53-55: 1st Lt., 303d Tac Recon Sqdn., APO 130, New York, New York. Stationed in Germany.

PENNINGTON, DON R., BS '56: 2nd Lt., U.S. Army in Feb. 1957. Don was formerly 2nd Computer, Geophysical Service Inc., Ardmore, Okla. (Home: 17 S. Spruce, Pana, Illinois). Don and Barbara Hildebrand of Pana, were married November 25, 1956.

PHILLIPS, SANFORD I., (AB '55 Dartmouth); MS '56: 2nd Lt., Technical Intelligence Officer, Wright-Patterson Air Force Base, Dayton, Ohio, or 5851 Foulais Drive, Dayton 3, Ohio. He plans to be there until June 1958. He was married June 23, 1956.

POWERS, ROGER A., BS '53: Ensign, U.S. Navy Reserve, U.S. Naval Air Station, Hutchinson, Kansas.

RIGGS, ELLIOTT A., (BS '51; MS '53 Wisc.); Asst. '53: Lt. 565608/1105, U.S. Navy, Forecast duty officer, Fleet Weather Control, FWC - Box 16, Navy 214, c/o FPO, New York, New York. He is stationed in Africa but due for release in June or July, 1957.

SAVAGE, JAMES A., BS '50: 9828th TSU CE, Eng. Center, Fort Belvoir, Virginia.

SCHROTT, ROBERT O., BS '54: Chaplain's Assistant, U.S. Army, US 55 537 317, Chapel 1, Fort Monmouth, N.J. Due for release by July, 1957, and then hopes to return for graduate work.

SIEGERT, RUDOLF B., Jr., BS '56: 2nd Lt., 04061375, U.S. Army, Box 10305 TAS, Ft. Bliss, Texas. (Home: 604 E. 3rd St., Pana, Illinois.)

STOCKTON, ROBERT J., BS '49: (Home: 216 Main Street, Woodstock, Illinois). Service address unknown.

STUTE, RICHARD W., BS '50: (Home: Varna, Illinois). Understand he is in army stationed in Germany.

UPCHURCH, GORDON D., BS '56: 2nd Lt., U.S. Army, Ft. Belvoir, Va. (Home: 405 Buchanan St., Benton, Illinois). On leave from Pan American Petroleum Corp.

WEEKS, WILFORD F., BS '51; MS '53; (Ph.D. '56 Chicago); Fellow '51-52: Geochemist, USAF Cambridge Research Center - Arctic Section, 11 Leon St., Boston 15, Massachusetts, Att: CRZG. Due for release in July, 1957. He will then go to Washington University, St. Louis, Missouri, in September as assistant professor to teach geochemistry.

WINAR, RICHARD M., BS '53; MS '55; Asst. '53-54: SP 3, U.S. Army, 1438 Lincoln Place, Highland Park, Illinois. On leave from Carter Oil Company. Due for release in May 1957.

WOLTMAN, WARREN C., BS '55: 2nd Lt., 04057273, Student Detachment, Army Language School, Box 96, Presidio of Monterey, California. (Home: 199 Rex Blvd., Elmhurst, Illinois). Scheduled to finish Army Language School in late July and may either be sent to Washington or Germany. Plans to come thru here in August.

YOCHEM, RONALD J., BS '57: 3258 Ann St., Lansing, Illinois. In Air Force, as 2nd Lt. at end of March; train as pilot or observer.

ZIEMBA, EUGENE A., (BS '53 St. Joseph's); MS '55; Asst. '53-55: Pfc. US 55537812, ARMISH - MAAG, Engr. Topo. Section, APO 205, New York, New York. Stationed in Iran. Eugene is on leave from Stanolind Oil Co. (Home: 2732 So. Kolin Ave., Chicago 23, Illinois.) He and Mary Helen Nelson were married on April 21, 1956, a month or so before his going overseas.

CONSULTING GEOLOGISTS

ADAMS, FRANKLIN D., BS '50: Waltonville Road, Mt. Vernon, Illinois

ALEXANDER, J. W., BS '41; MS '42: 1102 Ft. Worth National Bank Building, Fort Worth, Texas, or Rt. 2, Box 490

BAYSINGER, EUGENE M., (B.Ed. '33, So. Ill. U.); UI '34-36: 311 Maritime Building, New Orleans 12, Louisiana

BEAN, BERYL K., AB '30; MS '38: 5300 Jefferson, Evansville 15, Indiana

BIRD, ALLAN G., BS '51: 406 Perry Street, Denver 4, Colorado

BOOS, MARGARET FULLER, Visiting Professor '49: 2036 S. Columbine Street, Denver 10, Colorado

CLARK, CLIFTON W., AB '13; AM '15; (Ph.D. '17 Calif.): Huff Building, Wichita Falls, Texas

CLAYPOOL, CHESTER B., (AB '24 DePauw); AM '29; Ph.D. '33; Asst. '27-29: 2695 North Street, Beaumont, Texas. Doctor Claypool reports that his son, Robert and Gloria Weeks of Cameron, Texas were married Sept. 2, 1956. Bob is in the army at Ft. Hood, Texas. Also, Doctor Claypool's daughter, Carolyn and Richard Bueche of South Bend, Indiana were married Nov. 23, 1956. The Bueches are living in Bloomington, Indiana where he is working on his MS degree in Business Administration

CONDON, JAMES C., BA '38; (MS '41 Iowa): 301 Orpheum Building, Wichita 2, Kansas

DADY, WILLIAM G., BS '45: 1233 No. 27th, Billings, Montana, or 3205 Harrow Drive

DAVID, MAX W., BS '35; Asst. '34-35: Box 1657, Midland, Texas

DECKER, JACK M., (BS '49 Redlands); MS '50; Asst. '49-50: Edwards and Decker, Room 140 Mack Building, 1603 California Avenue, Bakersfield, California

DOOLEY, ROY M., BS '52: Dooley Geological Services, Box 203, Vandalia, Illinois. Roy was associated with Ashland Oil Company in extension of Cooks Mill, Illinois field in 1956, and extended one pool in Muhlenberg County, Kentucky

ELLIOTT, GEORGE J., BS '49: Van Hotel, Princeton, Indiana

FOOTE, DONALD L., BS '47: 1209 S. Stockwell Road, Evansville 15, Indiana

FORTIER, LEO R., AB '24: 33 Stratford Road, Wichita, Kansas

FULLER, MELVILLE W., AB '31; AM '33: 1732 E. 31st Street, Tulsa 5, Oklahoma

GARRETT, ROBERT D., BS '48: Partner, Tri-State Testing Company, Room 414 Kresge Building, Owensboro, Kentucky

GEIS, HAROLD L., AB '31; MS '33: 2123 Bank of the Southwest Building, Houston 2, Texas

GILMORE, JOHN A., BS '32: 407 Radio Building, Wichita Falls, Texas

HAGAN, WALLACE W., BS '35; MS '36; Ph.D. '42; Fellow '36-41: 423 Locust Street, Owensboro, Kentucky. Wally served as vice chairman, southeastern section of GSA and Chairman of Program Committee for 1957 meeting at Morgantown, West Virginia; vice-president of Indiana-Kentucky Geological Society and member of Kentucky Geological Survey Advisory Board. The Hagans have 2 children, Karen (8 1/2) and Elizabeth (4 1/2).

HARRIS, LLOYD A., AB '39 with Honors; (MS '40 Vanderbilt): Box 381, Mattoon, Illinois

HARRIS, WILSON G., JR., BS '48: Box 92, Carmi, Illinois

HERCHER, RICHARD T., BS '50: 3618 Grape Street, Denver 7, Colorado

HUNER, JOHN, JR., BS '34; (Ph.D. '39 La. State Univ.): 4665 Tulane Drive, Baton Rouge 2, Louisiana

KENNEDY, LUTHER E., AB '15; AM '15; Ph.D. '20: 1735 S. Victor Avenue, Tulsa 4, Oklahoma

KILIAN, HARRY S., AB '30; MS '32; Asst. '30-'32: 2130 Commerce Building, Houston 2, Texas, or 3822 Wickersham Lane

LESTER, JOHN L., BS '37; MS '39; Asst. '37-40: Box 249, Centralia, Illinois

LITTLEJOHN, ROBERT V., (BA '48 Colo.); Asst. '48-49: McKay & Littlejohn, Box 124, Robinson, Illinois, or 802 Locust Lane

MC CABE, LOUIS C., BS '31; MS '33; Ph.D. '37: President, Resources Research, Inc., 4435 Wisconsin Avenue, NW, Washington 16, D. C. This new organization has been active during its first year in fuels, water resources studies, saline water research and air pollution

MC CABE, WILLIAM S., BS '34; MS '35: Box 1861, Casper, Wyoming. (It is reported that Bill brought in three "wildcat" oil fields last year).

MAC VEIGH, EDWIN L., BA '30; MS '32: Box 425, Haileybury, Ontario, Canada. Engaged in geophysical work and general consulting work related to mining in northern Ontario and Quebec. Six children now, oldest is 12 years and youngest is two. Pleased to have anyone call coming this way

MINARD, DAVID L., BS '45: Minard & Minard, 2808 St. Charles Avenue, New Orleans 15, Louisiana. The Minards have 2 children, David Lee, Jr., (2) and Erminie Barbara, 5 months

MOORE, MRS. ROBERT E., (Jean Marie Geisler), BS '48; MS '49: 5310 Cortelyou Lane, Houston 21, Texas.

NEER, CARL J., BS '33: 1532 Bates Avenue, Springfield, Illinois

NEWTON, WILLIAM A., BS '35; MS '37: 2879 Ivanhoe Street, Denver 7, Colorado. In the throes of building a new home in Columbine Country Club, Littleton, Colorado. Expect to occupy in March or April, 1957.

POTSCH, JOHN P., BS '38: Box 244, Mattoon, Illinois

SCHMITT, HARRISON A., (AB '21; MS '22; Ph.D. '26 Minn.); Asst. '22-25: Cottage San Road, Silver City, New Mexico. (Son, Harrison Hagan, is a senior at Cal. Tech. majoring in economic geology)

SCHMITZ, WILLIAM C., AB '41: 300 University Row, Lafayette, Louisiana

SHAW, CONRAD E., BS '52: c/o V. R. Gallagher, 124 NW 4th, Evansville, Indiana, or 1915 McConnell Avenue

SMITH, CLOYD M., BS '20; MS '28; Ph.D. '34; EM '35: 432 Munsey Building, Washington 4, D. C. (He also manages the Washington Office of World Mining Consultants, Inc., of 220 Broadway, New York 38, New York. World Mining Consultants, Inc. is made up mostly of mining engineers and geologists whose principal work is done overseas on natural resource surveys and mining studies under contract with International Cooperation Administration. It has broadened its field to cover ground-water surveys and has ground water crews in French Equatorial Africa and Angola. One of its mining projects relates to rehabilitation of anthracite mining in Peru. Domestically, the firm recently completed a coal mine valuation in West Virginia and projected a manganese operation in Tennessee

SNODGRASS, DONALD B., (BS '50 Wooster); MS '52; Asst. '51-52: Box 311, Salem, Illinois

SPOOR, HARRY C., JR., AB '26: 2130 Commerce Building, Houston, Texas

TAYLOR, EARLE F., (AB '35; MS '36 Iowa); UI '37-39; '42: Vice president, DeGolyer & MacNaughton, 5625 Daniels Avenue, Dallas, Texas, or 6738 Brookshire Drive. Earle is kept busy traveling to foreign countries where they have contracts.

TAYLOR, GEORGE E., AB '26: 956 St. James Boulevard, Evansville, Indiana.

TOLER, HENRY N., (BS '26, La. St. U.); MS '29; Asst. '25-27: 1401 Deposit Guaranty Bank Building, Jackson 1, Mississippi. He served as president of the Illini Club of Mississippi in 1956

TOMLINSON, CHARLES W., (BA '13; MA '14 Wisc.; Ph.D. '16 Chicago); Assoc. '17-18: 510 Little Building, Ardmore, Oklahoma

VAN TUYL, FRANCIS M., (BA '11; MS '12 Iowa; Ph.D. '15 Columbia); Instructor, '15-17: Brainerd & Van Tuyl, Empire Building, Denver, Colorado, or 1207 - 16th Street, Golden, Colorado. Dr. Van Tuyl is Professor Emeritus, Colorado School of Mines

WALKER, MARVIN, BS '51: Box 546, Olney, Illinois. (Marvin is also secretary and treasurer of Briffin & Walker Associates Oil Company, and partner in M. & W. Oil Company)

WILLIAMS, MERLE E., BS '50: PO Box 96, Mt. Vernon, Illinois. Merle and Shirley have 5 boys from age 7 to twins 1 1/2

GRADUATE STUDENTS

ACKER, CLEM J., BS '56: Assistant, Department of Geology, University of Arizona, Tucson, Arizona, or 2603 E. 1st St. Clem hopes to complete work for the MS by Feb. 1958.

ADAMS, BUDD B., (BA '51 Chicago); BS '53: Research Assistant, University of Wisconsin, Science Hall, Madison, Wisconsin

ANDRESEN, MARVIN J., BS '55; MS '56: Assistant, Department of Geology, University of Missouri, Columbia, Missouri

ANDREWS, FRANKLIN, BS '55: Assistant, Department of Geology, Florida State University, Tallahassee, Florida

BAKER, JACK, (AB '50 Princeton); MS '56: Assistant (full time), Department of Geology, Urbana. Jack passed his prelims in January. He is teaching a section of historical geology, and is serving as laboratory supervisor in geomorphology and agricultural geology

BALLMANN, DONALD L., (AB '54 St. Joseph's); BS '55; MS '56: Don has served as an assistant in the department here since 1955.

CLAWSON, PAUL N., BS '55: Assistant, Department of Geology, Montana State University, Missoula, Montana. He expects to receive the MS in June 1957

CLEARY, JAMES M., JR., BS '53: Jim is doing graduate work in Mining Engineering and expects the MS in petroleum in the near future. He lives at 605 S. Birch, Urbana.

COLLINS, LORENCE G., BS '53; MS '55; Nat. Sci. Found. Fellow, '53; Ill. Fellow, '54; Asst. '57: Larry returned in February, after serving 2 years in Germany, and is now a part-time assistant in the department. He and Barbara live at C-57 Stadium Terrace, Champaign.

DOEHLER, ROBERT W., BS '51; MS '53; Asst. '52; Ill. Clay Fellow '55-57: Bob passed his prelims in October 1956 and expects to receive the Ph.D. in June. He and Nicki live at 901 S. First, Apt. 7, Champaign.

DOYLE, FRANK L., (BS '50 Texas; MS '55 La. St. Univ.); UI Fellow '54: Assistant, Geologist, Illinois Geological Survey, Urbana, Illinois. Larry passed the prelims in May 1956.

FAHNESTOCK, ROBERT K., BS '54: Assistant, Department of Geology, Cornell University, Ithaca, New York or 1-C Pleasant Grove Apts., Ithaca.

FOJTIK, EDWARD A., BS '57: Doing graduate work in the department this semester.

FOSS, TED H., BS '56: Assistant, part time, in the department and working toward MS degree.

GAEBE, JAMES R., BS '46; Asst. '47-48: Returned to the campus in February and is taking work in the Math. Department toward an advanced degree in mathematics.

GLAWE, LLOYD N., BS '54: Department of Geology, Louisiana State University, Baton Rouge, Louisiana, or 139 E. Chimes Street.

GLENN, SIDNEY E., BS '55: Assistant Instructor, Department of Geology, Syracuse University, Syracuse, New York or 118 Sims Road.

GLUSKOTER, HAROLD J., BS '56: Assistant, Department of Geology, University of Iowa, Iowa City, Iowa. He and Leah Levin were married February 3, 1957.

GOLDMAN, CHARLES R., AB '52; (MS '55 Zool.): Research Assistant, University of Michigan, Ann Arbor, Michigan.

GROSSMAN, STUART, AB '52; MS '53; Asst. '53: Department of Geology, University of Kansas, Lawrence, Kansas.

HILL, WAYNE N., BS '53: Department of Geology, Washington University, St. Louis, Missouri, or Apt. 106, 6924 Millbrook Street.

HUXEL, CHARLES J., BS '55: Assistant, State University of Iowa, Iowa City, Iowa, or 538 S. Gilbert Street.

LLOYD, RONALD M., BS '52; MS '53; Asst. '52-53: Department of Geology, California Institute of Technology, Pasadena, California, or 2435 Oswego Street.

LUCAS, M. JENNIFER, (BA '54 Oxford); MS '55; UI Fellow, '54-57: Jennifer passed her prelims in May 1956 and expects the Ph.D. degree in June or August.

LYNCH, THOMAS W., BS '55: 47 Lakeside, Urbana. Tom is studying Law at the University.

MC NITT, JAMES R., (BS '53 Notre Dame); MS '54; Asst. '53-55: Department of Geology, University of California, Berkeley, California. James recently returned from Japan after serving in the Armed Forces for several years.

NARUISHI, JOSEPH I., BS '57: Doing graduate work in the department toward the master's degree.

POHLO, ROSS H., BS '54: University of Arkansas, Box 1432, Fayetteville, Arkansas.

POWERS, RICHARD J., BS '56: Assistant, Illinois Geological Survey, and working toward the master's degree in the department.

PRYOR, WAYNE A., (BS '52 Centenary Coll.); MS '54; Asst. '52-54: Assistant, Department of Geology, Rutgers University, New Brunswick, New Jersey. Wayne is working on his doctorate at Rutgers.

QUIRKE, TERENCE T., JR., BS '51; (MS '53 Minnesota): Assistant, Department of Geology, University of Minnesota, Minneapolis 14, Minnesota. Terry is working toward the Ph.D. at Minnesota.

REESE, DALE O., BS '56: Assistant, Department of Geology, University of Kansas, Lawrence, Kansas.

REGORZ, PAUL J., BS '53: Paul is working toward the MS degree at UCLA. 10954 Ophir Drive, Los Angeles 24, California.

SCOTT, ALAN J., BS '55 with Honors: Assistant, Illinois State Geological Survey, Urbana, and working toward the MS degree in the department.

SIMS, D. LE ROY, BS '56: Assistant in the department since Feb. 1956. Leroy will receive the MS degree in June, and after 6 months in the Reserves he will go with Magnolia Oil Company.

SITLER, ROBERT F., (BS '53 Pittsburgh); MS '55; Assistant since 1953: Bob passed his prelims on January 9, 1957.

SMALE, GORDON R., BS '56: Graduate student at Michigan State University. 1212 "L" University, East Lansing, Michigan. He and Barbara had a 7-lb. baby girl on July 19, 1956.

STEVENS, ROBERT P., BS '56: Assistant, Department of Geology, Missouri School of Mines, Rolla, Missouri, or 100 West Highway 72.

TISZA, STEPHEN T., BS '56: Doing graduate work in the department working toward the MS degree.

WIDENER, MELVIN I., BS '55: Department of Geology, University of Arizona, Tucson, Arizona, or 2734 E. 6th Street.

WILLIAMS, EUGENE G., (BS '50 LeHigh); MS '52; Asst. '50-52: Department of Geology, Pennsylvania State University, University Park, Pennsylvania.

YUND, RICHARD A., BS '56 with High Honors; Assistant in the department since '56. Dick is working on his MS degree under Doctor Henderson. Next year he will hold a National Science Foundation Fellowship.

Carl A. Bays & Associates

CROW, CLARENCE V., BS '51: 1635 Burlingame Ave., SW, Grand Rapids, Michigan.

OESTERLING, WILLIAM A., BA '43; MS '49: Mining Geologist, Western Division, PO Box 892, Hot Springs, South Dakota. Bill states that excellent work by the following alumni was done last summer and fall on a large uranium property in the Edgemont district of the Black Hills: Harold Gluskoter, William Lang, John Lindskold, Ruddy Siegert, Robert Stevens, and Melvin Weidner.

PULLEN, M. WILLIAM, JR., (AB '38 Colgate; MS '40 Syracuse); Ph.D. '50; Asst. '40-42: Director, Geology and Geophysics, PO Box 65, Urbana, Illinois.

THOMAS, JOHN E., BS '51: Field Geologist, PO Box 65, Urbana, Illinois.

UNFER, LOUIS, JR., BS '48; (MA '51 Wyoming); Geologist, PO Box 65, Urbana, Illinois.

URASH, ROBERT N. M., BS '45 in Engineering; UI '45-46: 308 N. Orchard, Urbana, Illinois.

Others

AMES, JOHN A., (BA '41 Denver); MS '50; Asst. '46-48: Geologist, Alpha Portland Cement Company, Alpha Building, Easton, Pennsylvania, or RFD #4, Easton.

BIERSCHENK, WILLIAM H., (BS '51 Princeton); MS '53: Geologist-Hydrologist, Hanford Atomic Products Operation, Richland, Washington, or 1902 Lassen Street. Bill presented a paper on "Hydrologic Investigations at Hanford" at the AGU Northwest Section; "Geological and Hydrological Guides in Radioactive Waste Disposal at Hanford" presented at the second annual Nuclear Congress; "Ground-water Resources of the Kingston Quadrangle, Rhode Island", R. I. Development Council, Geol. Bull. No. 9 (in press). Their 4th daughter, Ellen Jane, was born October 1, 1956.

BOQUIST, CARL W., BS '49: Petrographer, U.S. Steel Corporation, 7505 Howard Ave., Hammond, Indiana.

FERGUSON, JOHN A., (BS & MS Univ. of Queensland); Ph.D. '50: Geologist, Armour Research Foundation, Technology Center, Chicago 16, Illinois.

Others (continued)

FRIES, GEORGE "TED", BS '52: Party Chief, C. K. Willett - Consulting Engineers, 414 E. McKenney Street, Dixon, Illinois.

GOLDEN, RICHARD M., BS '48: LaSalle Steel Company, Hammond, Indiana.

GROGAN, ROBERT M., (BS '35 Chicago; MA '36 & Ph.D. '40 Minnesota); UI '38-39: Assistant Chief Geologist, E. I. duPont de Nemours & Company, Development Department, 6015 duPont Building, Wilmington 98, Delaware.

HADLEY, DAVID W., BS '53: Chief, Soils Laboratory, Goodkind & O'Dea, 6340 Capulina, Morton Grove, Illinois, or 3544 Western, Park Forest, Illinois. Dave is doing graduate work at the University of Chicago, and working on Northern Illinois Toll Highway. He supervised rig boring operations for several sections of the highway and currently is in charge of soil mechanics laboratory. Dave and Mary House were married in June 1955. Daughter, Catherine Ann, was born June 1956.

IRWIN, RAYMOND L., JR., BS '49: Sales Engineer, Blue Diamond Corporation, 2819 Santa Paula Court, Sacramento 21, California. Ray is concerned with the sale of gypsum products.

JAHN, PAUL F., JR., BS '55: Assistant Geologist, Armour Research Foundation, 35 West 33rd Street, Chicago, Illinois, or 5561 State Road, Oak Lawn, Illinois.

KENNEDY, ROBERT H., BS '40: Industrial Engineer, Inland Steel Company, East Chicago, Indiana, or 6363 S. Shore Drive, Chicago 49, Illinois.

KNODLE, ROBERT D., BS '47; MS '48: Assistant Executive Secretary, National Water Well Association, Box 222, Urbana, Illinois. He helped organize and direct a very successful short course in earth science for water well contractors held on the campus January 28-February 1, 1957.

MALKOWSKI, RICHARD E., BS '56: Associate Research Geologist, American Colloid Company, 168 W. Monroe, Chicago, Illinois.

MEYER, JURG W., (BS '48 Zurich); Fellow '55-56: Johns-Manville Research Center, Manville, New Jersey, or 143 N. Ave., Fanwood, New Jersey. Jurg plans to finish his thesis for the Ph.D. degree this summer.

Others (continued)

MURRAY, HAYDN H., BS '48; MS '50; Ph.D. '51; Asst. '48-49; Ill. Clay Fellow, '49-51: Research Coordinator, Georgia Kaolin Company, 433 N. Broad St., Elizabeth, New Jersey. This will be Haydn's permanent address after June 1; meanwhile he expects to be with the company at least half-time, returning to Bloomington, Indiana enough to supervise graduate students finishing in June.

OSBORN, HUGH, BS '27: Assistant District Traffic Engineer, Illinois Division of Highways, Effingham, Illinois.

SCHULTZ, JOHN R., BA '31; (MS '33 Northwestern; Ph.D. '37 Cal. Tech.): Geologist, HARZA Engineering Company, 400 West Madison Street, Chicago, Illinois.

SHRODE, RAYMOND S., (BS '41 Monmouth); MS '50: Industrial Geologist, Traffic Department, Baltimore and Ohio Railroad Company, 1104 B. & O. RR Bldg., Baltimore 1, Maryland. He succeeded John Ames who went to Alpha Cement Company.

SORKIN, JEROME H., BS '48: Assistant Highway Engineer, California Division of Highways, 396 E. Avery Street, San Bernardino, California. His hobby is prospecting in the Majova Desert vicinity.

TURTLE, EDITH G., (BS '47 Manitoba Univ.); UI '47-48: Junior Research Chemist, Portland Cement Association, 5420 Harrison Street, Skokie, Illinois, or 312 S. Blvd., Evanston, Illinois.

MINING COMPANIES

American Zinc, Lead and Smelting Company

NETZEBAND, WILLIAM F., (BS '21; EM '27 Mo.); MS '23; Senior Engineer, Box 870, Joplin, Missouri.

ODER, CHARLES R. L., (AB '28; MA '29 Va.); Ph.D. '33, Asst. '29-33: Chief geologist, Mascot, Tennessee, or PO Box 372, Jefferson City, Tennessee.

Aluminum Company of America

SUTTON, ARLE H., Staff '27-46: Chief geologist, Mining Division, 1501 Alcoa Bldg., Pittsburgh 19, Pennsylvania.

WILLIAMS, FREDERICK E., (AB '41 Wooster); MS '51; Asst. '48-50: Geologist, Box 82, Rosiclare, Illinois.

WRIGHT, THOMAS L., (BS '54 Lawrence Coll.); MS '56: Bauxite, Arkansas.

Others

BERMAN, BYRD L., (AB '51 Augustana); MS '53; Asst. '51-53: Geologist, Standard Ore and Alloys Corp., 120 Wall St., New York, N. Y., or 68-22 Clyde St., Forest Hills 75, N. Y. He is also manager of Red Mt. Mines, Ouray, Colorado, a subsidiary of Standard.

MC CONNELL, WALTER F., BS '49: W. S. McConnell Mining Co., West Salem, Illinois.

MILLER, FRANKLIN S., (AB '28 Williams; AM '31; Ph.D. '34 Harvard); Instructor, '36: Vice President, Pacific Tin Consolidated Corp., 120 Broadway, Rm. 3511, New York 5, New York, or 49 Mendota Ave., Rye, New York.

SAXBY, DONALD B., AB '40; MS '47: Head geologist, Minerva Oil Co., Fluorspar Division, Box 443, Rosiclare, Illinois. Don, formerly with the Illinois State Geological Survey, his wife, son Larry (10) and daughter Marilee (2) moved to Rosiclare in Oct. 1956.

SPOTTI, ADLER E., BS '40; MS '41: General Manager, Powellton Coal Co., Box 98, Mellory, West Virginia.

SQUIRES, ROBERT L., BS '48: Geologist, Western Gold and Uranium, Inc., Leeds, Utah.

WAGGONER, MRS. BEULAH M., BS '48: Rare Earths, Inc., Box 121, McCall, Idaho.

WEINBERG, EDGAR L., BS '47; MS '48; Asst. '47-48: Resident Geologist, The New Jersey Zinc Co., PO Box 67, Mineral, Virginia. He is working on a thesis field problem in Virginia for a Harvard Ph.D.

YOUND, HERBERT T., BS '41: President and Director, Champa Mining Co., 1660 Lewis, Lake Wood, Colorado.

ZIEBELL, WALTER R., BS '43; MS '49; Asst. '46-48: Mineralogist and Vice President, Cia de Fomento Bellwin, S.A., of Cuba and with Processing and Research Corp., of Miami, Florida, 591 NW 190th St., No. Miami, Florida. Wally commutes between there and Canada and Cuba. He and Jane adopted a 3-day old baby girl, named, Charisse Noel. At the time of their Christmas card, she was 4 months old.

Attorneys

GRUPP, CHARLES J., Jr., BS '47: Police Magistrate and Attorney-at-Law, 75 E. 16th St., Chicago Heights, Illinois.

LIVINGSTON, PARK C., AB '30; (J.D. '38 John Marshall Law School): Vice-President and General Counsel, Dean Milk Company, 3600 N. River Road, Franklin Park, Illinois.

RENO, DARRELL H., BS '42, LLB '48: 310 Sterry Bldg., Pontiac, Illinois.

RICE, VILAS C., BS '41: Box 81, Carthage, Illinois.

Boy Scouts of America

FANNING, JOHN W., BS '53: District Executive, 1011 S. Crescent Avenue, Park Ridge, Illinois. John says he thoroughly enjoys his career with the Boy Scouts of America.

SAMPSON, JAMES DAVID, BS '53: 214 West John, Champaign, Illinois.

SCHMIDT, ERNEST F., BS '33: Director of Camping, Schiff Scout Reservation, Mendham, New Jersey.

Clergymen

GRANT, JAMES E., Jr., BS '48: Assistant pastor, St. Patrick's Catholic Church, 408 W. Poplar St., Walla Walla, Washington. Father Grant was ordained to the priesthood May 10, 1956 at Our Lady of Lourdes Cathedral, Spokane, Washington, after 6 years of study at St. Edward's Seminary, Kenmore, Washington. He will be at his present address for a year or so. His home address, which is more permanent is: West 421 Shoshone Place, Spokane 41, Washington.

MARTIN, PHILIP U., (BS '49 Wooster); UI '49-50; (BD '54 Princeton Theological Seminary): Pastor, Third Presbyterian Church, 720 S. Oakley Blvd., Chicago 12, Illinois.

WUELLNER, REVEREND FRANCIS, BS '43: Allemann High School, Rock Island, Illinois. In 1946 Francis entered the service and at the end of the war he entered a Catholic Seminary and was ordained a priest on July 6, 1950. He is now counselor and acting Dean of Men and an instructor at Allemann High.

Housewives

ABBOTT, MRS. KENNETH M. (Helen Oldfather), AB '27; MA '33: 159 W. Jeffrey Place, Columbus 14, Ohio.

ANDRON, MRS. MORTIMER (Bettie Teetor), BS '42: Address unknown.

BARGH, MRS. GEORGE H. (Margaret Ann Hayes), BS '49: 806 S. Lynn, Champaign, Illinois.

BROWN, MRS. ROBERT L. (Margaret Priscilla Lohr), BS '51: PO Box 271, Wooster, Ohio. Margaret's husband is engineer with Schlumberger Well Surveying Corporation. They have 4 children, the youngest, Riley, 9 months.

BURGESS, MRS. T. O. (Henrietta Christensen) ex '26: 306 - 11th St., S., Moorehead, Minnesota. She has transferred her geology training to psychology channels - her husband being a clinical psychologist, she serves as secretary, receptionist, assistant counselor, and mother of a daughter who loves out of doors and is now a biology teacher (2nd year). Each summer they travel together via tent, car, boat or plane to somewhere generally managing to visit their former geology friends at the Illinois Geological Survey enroute each year.

CALLAHAN, MRS. EDWARD J. (Jean McGinnis), AB '40: 517 Crawford Ave., Dixon, Illinois.

COCKRUM, MRS. EARL C. (Leola Seibert), BS '44: PO Box 150, Miles City, Montana.

DETTINGER, MRS. G. W. (Ruth Hockman), BS '49: 214 N. 6th Ave., Wausau, Wisconsin.

DOWNS, MRS. D. H. (Mary G. Bowers), BS '47: 1160 Colorado Blvd., Denver 6, Colorado.

FARNUM, MRS. LAWRENCE B. (Jeanne Seaman), BS '43: 716 W. Michigan, Urbana, Illinois. Recently moved to Urbana from Istanbul, Turkey. They have 6 children, Donna, Joan, Jeffrey, Diane, Deborah, and Pamela who was born in Urbana.

FREEMAN, MRS. JEREMIAH P. (Mary E. Mifflin), BS '53: Rt. 4, Box 163, Huntsville, Alabama.

GRIESSER, MRS. ROBERT (Barbara Camp), BA '45; (MA U. of Cinn.): Woodlawn Road, Sterling, Illinois.

Housewives (continued)

GRIFFITTS, MRS. WALLACE R. (Marh Oswald); (BS '41 Mich.; Ph.D. '44 Colo.); Asst. '44-46: 810 14th Street, Boulder, Colorado. They have 2 children, Elizabeth, Dec. 3, 1952, and Jonathan, March 19, 1956.

HERRING, MRS. DONALD G., JR. (Lois Schulz), BS '42; Asst. '42-43: 400 E. Marigold St., Altadena, California.

HOLMIN, MRS. BERTIE (Lorrie Ross), BS '46: Skyttevagen 22c, Saltsjobaden, Sweden.

HUSE, MRS. ERLE S. (Lois Elaine Titus), AB '45: 1580 Elmwood Ave., Rochester 20, New York.

IZZARD, MRS. W. R. (Kathryn Richart), AB '46: Address Unknown.

JOHANNES, MRS. ERWIN (Ann Hartshorn), BS '48: RR 1, Hegg Addition, Covington, Indiana. Ann and Erwin have a new home in Covington. Ann sent news of Virginia Wilson.

JOHNSTON, MRS. WILLIAM E. (Marilyn Heath), BS '49: 704 N. 12th, Mt. Vernon, Illinois.

JUHRE, MRS. W. E. (Caryl Jean Thompson), BS '44: Address Unknown.

KNUDSEN, MRS. L. (Elaine Zworykin), AB '48: 1674 No. 118th St., Wauwatosa 13, Wisconsin.

KUMANOTO, MRS. ARTHUR (Betty Moriwaki), BS '49: Betty and Arthur were married recently and I understand they are living in Tokyo, Japan.

LARNER, MRS. FRANK H. (Verlee Billings), BS '48: 504 W. 2nd, Aberdeen, Washington. Verlee's husband is a CPA in the firm of Stickney, Presgler and Larner, being the only CPA there. She is busy with their 3 children.

LAWLESS, MRS. JOHN C. (Dorothy L. Rasmussen), BS '46: Address Unknown.

LEHDE, MRS. ARTHUR W. (Frances Harper), BS '34; (MS '36 Smith): PO Box 57, Beaucoup, Illinois. Art is still in the insurance business, and Frances is kept busy riding herd on Tony (14) and Neva (6).

LESTER, MRS. LIONEL (Virginia Wilson), BS '48: 666 Riverside Terrace, Orangeburg, South Carolina. Ann Hartshorn Johannes sent me news that Virginia and Lionel were married July 6, 1954 and have two children, John Wilson born March 24, 1955 and Anne Marie, August 5, 1956. Thanks Ann.

Housewives (continued)

MC COMMONS, MRS. WILLIAM E. (Mary Louise Widener), BS '47: 6466 Pemberton Drive, Dallas 30, Texas.

MURRAY, MRS. ALBERT N. (Esther Utzig), AB '24; MS '26: 1211 S. College, Tulsa 4, Oklahoma. Esther's husband is professor and head, Department of Geology, University of Tulsa.

PARMESAN, MRS. DAN (Dorothy Johnson), BS '43; MS '45: 2711 Portsmouth, Houston 6, Texas. Their fourth child, Danielle, was born July 3, 1956.

PATTERSON, MRS. JACQUELINE W. (AB '48 Cornell Coll.); MS '51; Asst. '49-51: 8003 S. Clarinda, Rivera, California.

PIERCE, MRS. JACK W. (Beverly A. Solliday), BS '50: 1733 N. 5th, Bismarck, North Dakota.

PLAIN, MRS. JOHN (Ruth Roselle), BS '34: 555 Downer Place, Aurora, Illinois.

POOR, MRS. RUSSELL S. (Cleta Price), BS '25: 111 NW 26th St., Gainesville, Florida. Cleta's husband is Provost, University of Florida. They have 2 sons, Wm. Russell, an engineer, and Robert Clair, MM-3, U.S. Navy.

RALL, MRS. RAYMOND W. (Elizabeth Pretzer); (BS '43 Brown; MS '46 Columbia); Ph.D. '56; Asst. '49: 1209 W. Michigan, Midland, Texas. Betty is working on her thesis for publication.

REBOK, MRS. CARL, JR. (Patricia Cole), AB '48: 2231 E. 68th St., Kansas City 5, Missouri.

REEDY, MRS. R. B. (Dorothy Quirke), AB '42: 3108 46th St., Lubbock, Texas. Dorothy's husband is the head of the traffic department of the Lubbock Chamber of Commerce.

ROLFE, DEETTE, BS 1900; AM '04: 506 W. Florida Avenue, Urbana, Illinois.

ROLLEY, MRS. JOHN W., (Mary E. Barnes); (BS '42 Ky.); MS '48: 14355 Anola, Whittier, California.

SEWELL, MRS. JAMES C. (Janet Hoover), BS '40: 2901 W. 4th, Corsicana, Texas. Janet hopes the family can make a trip to Illinois in June.

Housewives (continued)

SHANNON, MRS. FREDERICK A. (Ellen Jordan), AB '45, High Honors; MA '50; Asst. '48-49: Box 276, Wickenburg, Arizona.

SHORT, MRS. L. M. (Bess Thayer), BS '24: 65 E. Clarence Ave., SE, Minneapolis, Minnesota. Bess's husband is professor of Political Science, and Chairman of the Department at the University of Minnesota. The family had an interesting trip during the summer of 1955 thru the Dakotas, Black Hills, Colorado, Rocky Mt. National Park and south to Colorado Springs collecting rocks along the way. Their oldest daughter, Marjorie, is field director for Camp Fire Girls in Phoenix, Arizona, and Elizabeth is at the University of Minnesota in her fourth year of the five-year nursing course.

SHORTER, MRS. LAZARE (Joan L. Caperton), AB '35: 311 S. Marshall St., Burlington, Iowa.

SIMS, MRS. PAUL K. (Dolores Thomas), AB '39: 520 Dover, Lakewood, Colorado.

SMITH, MRS. GEORGE E. (Portia Allyn), ex '38: RR 2, Normal, Illinois.

STEMLER, MRS. FRED W. (Norma Wallis), BS '48; Asst. '48: Box 885, Edgewood, Maryland.

SUTTON, MRS. MYRON D. (Elizabeth Ann Livesay), BA '41; MS '45; Scholar '44-45; Asst. '45-46: 219 Lafayette Drive, Alexandria, Virginia. Ann was formerly with USGS. Her husband is in the museum branch of the National Park Service. A son, George Michael, was born February 10, 1957.

SWEENEY, MRS. EDWARD C. (Catherine Hauberg), BS '36: 3300 Nebraska Ave., NW, Washington, D. C.

TANNACI, MRS. NICHOLAS (Muriel C. Janicki), AB '42: 2142 S. Mountain, Durante, California.

WALCHER, MRS. C. A. (Florence Cochran), AB '20: 1107 So. 4th Ave., Maywood, Illinois.

WURTZEL, MRS. FREDERICK (Betty Jean Westerbeek), BS '41: 2140 Downey Road, Homewood, Illinois.

YARNELL, MRS. HOWARD W. (Mary E. Card), AB '38: Address Unknown.

Public School Teachers

CUMMINS, MRS. JAMES (Lucinda Firebaugh, "Cindy"), BS '48: Kindergarten Teacher of Cobden Grade School, RR 1, Cobden, Illinois. Cindy's husband teaches chemistry and other sciences at Anna-Jonesboro High School.

DORN, EUGENE G., BS '51: (teaching physics, chemistry and science), Whittier Union High School District, Whittier, California. He is studying to obtain administrative credit from University of Southern California.

ENGLE, MRS. ROBERT G., (Lysbeth Fisher, AB '44 Vassar; MS '46 Columbia); Asst. '46-47: Harrison Village School, Harrison, Maine, RR 2.

FALZONE, HAROLD H., BS '50: Alta Vista School, Cheyenne, Wyoming, or 229 S. House Street.

JOHNSON, GORDON W., BA '53: General Science, Franklin Junior High School, Champaign, Illinois, or 1601 S. Neil, Champaign.

LEE, CHARLES D., BS '27; MS '30: Chairman, Science Department, University School, RR 2, Walters Road, Chagrin Falls, Ohio.

OTTON, MRS. EDMOND G., (Lucille Fredigke, BS '40); Asst. '46: Science Teacher, Woodbourne Jr. High, Woodbourne Ave. and The Alameda, Baltimore 12, Md., or 1108 Elbank Avenue.

RADEMACHER, LOUIS E., BS '32; MA '34 in Education: 417 W. Tremont, Hillsboro, Illinois.

SKEELS, THOMAS A., BS '32: Retired teacher, RR 2, Box 93, Turlock, California.

Miscellaneous

BARDELL, PHILIP W., BS '50: RR 1, Freeport, Illinois (engaged in farming). Philip left in December for a 2-month tour of Japan for winter vacation from the farm.

BARRETT, DARWIN S., BS '48: Physician, Dental Clinic, VA Hospital, Wood, Wisconsin.

BENDINER, BERNARD, BS '51: 4444 N. Damen, Chicago 25, Illinois. (self-employed in wholesale jewelry business).

Miscellaneous (continued)

BENNETT, DONALD C., BS '31: Intercity Box Co., 447 N. Trunck Ave., Freeport, Illinois.

BERLIANT, RONALD F., BA '54: Research and Development Dept., Bauer and Black, 4429 N. Bernard St., Chicago, Illinois. Ron plans to return to school in September and work for the MS degree.

BITTEN, BERNARD I., BS '49: Chemist, 520 W. 4th St., Kewanee, Illinois.

BURKE, ARTHUR K., BS '46: Grain broker, Lowell Hoit and Co., 1001 W. White St., Champaign, Illinois. The Burkes have 2 daughters, age 6 and 9. He sees Prof. De Wolf occasionally and had a nice chat with Dr. Chapman during the holidays.

BUSHMAN, EDWIN F., BS '41: Technical Director, General American Transportation Corporation, 19 Lagunita, Laguna Beach, California. They have a new home on the waterfront. Ed and Louise, his wife, have 3 children, Bruce (9 1/2), Gary (8 1/2) and Joan (5 1/2). He says "come see us - phone is Hyatt 4-6393.

COSTER, ROBERT, BS '56: Western Electric Co., Plano, Illinois.

COXWORTH, ROBERT, BS '49: Regional Manager, Old Republic Life Insurance Company, 307 N. Michigan, Chicago 1, Illinois.

CREAGER, JAMES E., ex '24; (BS '25 Chicago): Vice President, Jewel Paint and Varnish Company, 345 N. Western Avenue, Chicago 12, Illinois.

CVIKOTA, JOHN T., Jr., BS '43: Chemist, Eastman Kodak Company, 5731 W. Dakin St., Chicago 34, Illinois.

DAVISON, ROBERT M., BS '49: Sales supervisor for Indiana Territory, Trisler Seed Farms, Fairmount, Illinois. He and his wife, Vada, have 2 children, Lance (2 1/2) and Christine (5). They spent 2 weeks in December at Ft. Meyers Beach in Florida.

DEIBEL, JOHN Jr., AB '48: Osage Agency, Pawhuska, Oklahoma.

DEWHIRST, JAMES D., BS '50: Special agent, Federal Bureau of Investigation, 33-16 81st, Jackson Heights, New York City, N. Y., or Overlook Road, Rt. 1, New City, N. Y.

DODGE, HARLAN B., BS '42: Director of Plants-Board of Directors, Weber-Costello Com., 217 Westwood Drive, Park Forest, Illinois.

Miscellaneous (continued)

GRAVES, PERRY H., Jr., BS '41: President, Graves Industries, Inc., Box 242, Robinson, Illinois. Perry is in the lumber business.

GRUBB, ROBERT F., BS '38: Partner-General Manager, Grubb and Petersen Advertising, 111 N. Market, Champaign, Illinois, or 1401 W. Healey, Champaign.

HASCH, ROBERT M., BS '50: Sales representative, The Carborundum Company, Southport, Maine.

HAZLETT, DONALD C., BS '28: Russelville, Indiana. (Retired from Nat'l Park Service work).

HOTTINGER, KENNETH W., ex '40-43: Design draftsman, Public Service Co. of Colorado, 2705 Lookout View Drive, Golden, Colorado. They have 3 children, Kenny (10), Deborah (7) and Kim (3).

JOHNSTON, WILLIAM E., BS '49: Manager, Commercial Credit Corporation, 704 N. 12th, Mt. Vernon, Illinois.

JURGENS, RUSSELL E., BS '34: Vice-President and General Manager, McCarty Co. of Texas, Inc., Advertising Agency, 1500 Jackson, Suite 826, Dallas, Texas, or 3425 Caruth St.

KILLINGER, DURWARD W., BS '49: Research representative, Rand McNally and Co., 508 Oneida St., Joliet, Illinois.

KNOLL, GEORGE C., Jr., BS '49, (BS '52 Ariz. in Mining Eng.): President, Plywood Super Mart, 701 S. Broadway, Denver, Colorado.

LONGLEY, GORDON, ex '32: Dist. Sales Manager, H. W. Gossard Co., 26601 Normandy Road, Bay Village, Ohio.

MILLIGAN, JAMES K., BS '35: Engineer and Manager, W. T. McKune Metal Products Co., 222 Park View Avenue, Piedmont 10, California.

MOUNTJOY, JOSEPH B., BS '37: Partner, Mountjoy Hybrid Seed Co., Atlanta, Illinois.

NICKOLS, DANIEL F., BS '47: Supervisor, Metallurgical Lab., Eureka Williams Corp., 604 Peoria St., Lincoln, Illinois.

PARRO, DALE E., BS '49: Owner, D. E. Parro Construction Co., 604 W. John, Champaign, Illinois. Dale is in charge of building asphalt and concrete roads. The Parros have 2 boys, David (4) and Roger (2).

Miscellaneous (continued)

PEARCE, DWIGHT, AB '23: Vice President, The Lake Co. Agency, Inc., 201 Calumet Bldg., Hammond, Indiana.

RIVES, WILLIAM B., BS '40: Sales Manager, Lofgren Distributing Company, 2746-15th Ave., Moline, Illinois.

SHAVER, ALAN E., BS '50: Jr. Engineer, Midwest Mfg. Co., 143 Walnut Ave., Galesburg, Illinois.

SVOBDA, IRWIN L., BS '50: Salesman, United Shoe Mach. Corporation, 2224 So. East Ave., Berwyn, Illinois. The Svobodas have 2 children, Debbie Lynn (4) and Scotty (1).

TAFT, WILLIAM W., BS '48: Provision Dept., Wilson Packing Company, 28 N. Prospect, Clarendon Hills, Illinois.

URBANA, ROBERT F., BS '46: (home address, 85 Spring Street, Williamstown, Massachusetts). Bob has been in Paris for the past several years studying art.

WASKELO, MATTHEW J., BS '41: Realtor-building, M. J. Waskelo Realtor-Builder Company, 137 Pulaski Road, Calumet City, Illinois, or 913 Wentworth Ave.

WICKSTROM, THOMAS S., BS '49: Underwriter, State Farm Automobile Insurance Company, Elm Avenue, Glen Riddle, Pennsylvania.

WALTER, ADOLPH W., III, BA '43: President, A. W. Walter, Jr., & Co., Inc., 625 S. Main Street, Anna, Illinois. They handle hardware, tools and cutlery. He and Peggy have 3 children, Barbara (11), Marsha (8) and Adolph IV (2).

OIL AND GAS COMPANIES

Arabian American Oil Company

PAINTER, ROBERT L., BS '41: Dhahran, Saudi Arabia.

ZIEBELL, WARREN G., BS '51; MS '55: Dhahran, Saudi Arabia.

The Atlantic Refining Company

ARMS, HENRY W., (AB '49 Berea); Asst. '49-51: Geologist, Box 520, Casper, Wyoming, or 828 Sally Lane. The Arms have 2 children, Linda (8) and Sharon (6).

KRAYE, ROBERT F., BS '47; MS '48: Party Chief, Exploration Division, Box 2819, Dallas, Texas. Bob has been working out of Lander, Wyoming.

MORTIMER, JOHN D., (BS '49 Dartmouth); Geologist, (Oklahoma and Texas Panhandle Area), District Office, 830 Kennedy Building, Tulsa, Oklahoma.

SNYDER, ROBERT D., BS '50; MS '52: Geologist, Box 871, Midland, Texas.

The California Company

CAMPBELL, ROBERT C., (BS '50 Lawrence Coll.); UI '50-52: Geologist, Harvey, Louisiana, or 252 Hollywood Drive, Metairie, Louisiana. Bob is working in oil operations, including both offshore and land drilling. He and Beverly have 2 boys, Robben, born May 27, 1954 and Curtis Wright, December 10, 1956.

DICKIE, GEORGE A., (BS '53 Kent St.); MS '55; Asst. '54-55: Geologist, PO Box 510, Pensacola, Florida.

HENTON, JOHN M., JR., BS '48; MS '49; Scholar, '48: Area Geologist, Northeastern Exploration Area, PO Box 433, Mattoon, Illinois, or 409 Charleston Street. Jack is in charge of Calco exploration activity in the 20 states of the Northeastern Exploration Area (Central Kansas to Maine). He and Dorothy have 3 children, Dorinda (8), Jeff (3 1/2), and Suzanne (1 1/2).

MOORE, WAYNE E., BS '46; (MS '48; Ph.D. '50 Cornell Univ.): PO Box 510, Pensacola, Florida. Wayne was formerly with VPI, 1950-56.

PALMER, JAMES E., BS '55; MS '56: The California Company Building, New Orleans, Louisiana, or Apt. "A" 1510 Maribeau Ave., New Orleans 22. Engaged in offshore drilling operations in the Gulf of Mexico. His wife, Mary, is enrolled at Tulane University.

The California Company (continued)

PATTON, HOWARD L., BS '46; MS '48; Asst. '46-48: Development Geologist, Box 2534, Billings, Montana, or 1316 Crawford Drive.

PHILLIPS, SCOTT H., (BS '53 Kansas); MS '54; Asst. '53-54: Worland, Wyoming.

PORTER, JOHN S., (BS '53 Kansas); MS '54; Calif. Fellow, '53-54: Geologist, PO Box 2606, West Jackson, Mississippi.

SESTAK, ANDREW A., BS '50; MS '52: Review Geophysicist, PO Box 2606, W. Jackson, Mississippi. Andy was married on April 28, 1956.

SMITH, WILLIAM H., BS '49 with Honors; MS '50; Asst. '49-50: Research Geologist, California Research Corporation, Box 446, LaHabra, California.

SUSONG, BRUCE I., (AB '54 Miami Univ.); MS '55; Calif. Fellow, '54-55: Geologist, PO Drawer 2606, W. Jackson, Mississippi. Bruce is currently working in exploration.

ZIRKLE, ROBERT G., BS '50; MS '52: Geologist, 800 California Company Building, New Orleans, Louisiana, or 802 1/2 Nashville Avenue..

The Carter Oil Company

AULT, CURTIS H., (BS '54 Kent State); MS '56; Asst. '54-56: Geologist, Box 72, Carmi, Illinois.

BAUER, CHARLES B., BS '41; MS '46; Asst. '46: District Geologist, Box 72, Carmi, Illinois.

BREDEHOEFT, JOHN D., (BS '55 Princeton); MS '57; Asst. '55-57: Geologist, PO Box 472, Vernal, Utah. (Home: 3 Douglas Lane, Kirkwood 22, Missouri).

BURGESS, JACK D., BS '49: Geologist, Box 353, Riverton, Wyoming. Until recently Jack worked for Gulf Oil Corporation in Billings, Montana.

COCKRUM, EARL C., AB '43: District Geologist, Box 150, Miles City, Montana.

DELLENBACK, CHARLES R., BS '52; MS '53: Geologist, Carmi, Illinois.

The Carter Oil Company (continued)

EBERLY, LYLE D., (BS '51 Wichita); MS '53; Asst. '52: Geologist, 608 American National Bank Building, Shawnee, Oklahoma.

FRUND, EUGENE, (BS '51 Marietta); MS '53; Asst. '51-52: Geologist, Stratigraphic Section, Mattoon, Illinois, or 1316 S. 17th Street. Gene transferred from Carmi in June 1956 to the Mattoon office.

HALLSTEIN, WILLIAM W., BS '49; MS '52: Box 181, Durango, Colorado.

HELLEN, LESLIE P., JR., BS '43: Area Geologist, 310 Masonic Building, Ponca City, Oklahoma.

LEIGHTON, MORRIS W., BS '47, Geology minor; (MS '48; Ph.D. '51 Chicago): Research Geologist, Box 801, Tulsa, Oklahoma.

LEWARK, JAMES E., BS '39, Highest Honors; MS '40; Asst. '39-40: Eastern Division Exploration Manager, Box 568, Mattoon, Illinois.

LYNCH, BERNARD W., BS '47; MS '48: Stratigraphic Section, Oklahoma City, Oklahoma, or 3856 NW 32nd Street.

MC CORMICK, WADE L., (BS '51 Miss. State); MS '53; Asst. '50-51: Geologist, Box 1490, Jackson, Mississippi, or 4129 El Paso Street. The McCormicks have one daughter, Susan Bridgett (2 1/2). Wade plans to attend the AAPG meetings in St. Louis in April.

MERCURIO, RICHARD N., (BS '52 Bates); MS '54; Asst. '52-54: Geologist, PO Box 347, Liberal, Kansas.

SPROUSE, DONALD W., (BS '48 Marshall); MS '54; Asst. '49-50: Geologist, Drawer 1739, Shreveport, Louisiana. YOUR CARTER CAREER received during summer of 1956 carried the Sprouse family picture. Don sent us the 1955-56 directory of the Shreveport Geological Society of which he is general chairman of the directory committee with Robert Rogers, BS '43 and MS '48, as treasurer. Don and Mike Kidda, MS '53, are members of the Geological Society Advertising Committee.

UPTON, RICHARD A., BS '51: Geologist, Box 472, Vernal, Utah.

VERCELLINO, JOSEPH, BS '47: Geologist 2, Box 748, Wolf Point, Montana.

VORIS, RICHARD H., (BS '50 Augustana); MS '52: Geologist, Box 449, Ardmore, Oklahoma. (Home address: 2944 Farnam St., Davenport, Iowa). Dick and Anna Faye Thrash were married in Hope, Arkansas, June 30, 1956.

Continental Oil Company

CULBERTSON, J. A., (AB '21 Hanover Coll.; MS '25 Chicago); Ph.D. '32; Asst. '29-32: Manager of Exploration, Box 2197, Houston, Texas.

FARRELLY, PETER J., BS '52; MS '53; Asst. '52-53: Bakersfield, California.

GREENWOOD, CHARLES E., BS '49: Division Geologist, PO Box 2197, Houston 1, Texas. On March 1, 1956 Charles was promoted to Division Geologist for Continental's Gulf of Mexico Division which covers a portion of the company's offshore interests. He is learning more about salt domes, directional drilling, and offshore operations in general.

LANE, PHILLIP J., (AB '49 Indiana); MS '50; Fellow '49-50: Division Geologist, 335 W. Lewis, Wichita, Kansas.

MUELLER, JOSEPH C., BS '54; MS '55; Scholar '54; Asst. '54-55: Geologist, 335 W. Lewis Street, Wichita 18, Kansas, or 4810 Eastwood. (Muriel is working for Sohio Petroleum as a geological draftsman).

PENDLETON, MARGARET M., (BS '46 Michigan); MS '48; Asst. '46-48: Geologist, Box 1836, Billings, Montana, or 524 N. 23rd St., Apt. 15.

WAFER, JAMES O., BS '54; MS '55: Geologist, Box 1266 OCS, Lafayette, Louisiana. (Home Address: 340 N. 3rd St., Greenville, Illinois).

WILLIAMSON, LEE F., (BS '51 So. Carolina); MS '56; Asst. '54-56: 110 Texas Avenue, Slaton, Texas.

Creole Petroleum Corporation

BORGER, HARVEY D., AB '37; MS '39; Asst. '37-39: Division Geologist, Maracaibo, Venezuela.

FRANKLIN, EDWIN H., BS '56; (ex I Sem. '56 Nebraska): Geologist, Caracas, Venezuela.

GLENDENING, JACK A., AB '48: Field Geologist, Geological Department, Maracaibo, Venezuela.

MINK, RONALD D., BS '55: Geologist, Quiriquire, Monagas, Venezuela. (Home Address: 1738 W. 105th St., Chicago 43, Illinois).

Creole Petroleum Corporation (continued)

SOWERS, GORDON M., BS '46; Asst. '46-47: Geological Laboratory, Jusepin, Estado Monagas, Venezuela.

WINKLER, VIRGIL D., BS '38, Highest Honors; MS '39; Ph.D. '41; Asst. '38-39; Fellow, '39-41: Apt. 889, Caracas, Venezuela.

WOLCOTT, PHILIP P., AB '35; MS '36; Asst. '36-37: Apt. 3097, Maturin, Venezuela.

Gulf Oil Corporation

BASSETT, CHARLES F., (BS '22 Cornell); AM '24; (Ph.D. '33 Michigan); Asst. '22-25: Zone Geologist, Kansas-Eastern Zone, PO Box 2233, Wichita 1, Kansas. Dr. and Mrs. Bassett drove to the International Geological Congress meetings in Mexico City this past fall.

CLUTTER, LESTER W., BS '48; MS '51 in Geography: Senior Stratigraphic Geologist, Box 1815, Billings, Montana, or 1423 Avenue D. Les has been working on detailed Mississippian carbonate study of Williston Basin and associated areas for the past year and a half. The Clutters have 2 boys and 2 girls; the most recent, Wendy Susan, born December 19, 1956.

GOODALL, KARL L., JR., BS '50; Zone Geologist, Box 968, Ardmore, Oklahoma. Karl has been with Gulf for the last five years; the last four in the Ardmore zone where he enjoys the Ardmore Basin geology.

PENN, JAMES W., (BS '48 Marietta); Asst. '48-49: 3080 South Grape Way, Denver 22, Colorado.

Humble Oil and Refining Company

KITE, ROBERT L., (BS '50 Kansas; MS New Zealand); Asst. '50: Associate Geologist, 102D Humble Building, Houston, Texas. Bob is engaged in research in photogeological techniques.

VERCELLINO, JOHN B., BS '56: Junior Geologist, Box 626, New Orleans, Louisiana.

Imperial Oil, Limited

CRICKMAY, COLIN H., (BA '22 British Columbia; Ph.D. '25 Stanford); Asst. Prof. '31-33: 525 Salem Avenue, Calgary, Alberta, Canada.

STAPLIN, FRANK L., (BS '49; MA '50 Texas); Ph.D. '53; Asst. '50-52; Fellow '52: Paleobotanist, 4607 - 37th Street, SW, Calgary, Alberta, Canada. Frank will set up a spore-pollen laboratory for Imperial Oil.

International Petroleum Company

BELL, A. LYNDON "Rusty", BS '36: Exploration Manager, Apartado 1081, Lima, Peru. Their son, Lyndon, is a major student in the department.

FULKERSON, DONALD H., BS '50, Honors; (MS '51 Wyoming): Senior Geologist, Talara, Peru.

Kewanee Oil Company

GILLIS, ALBERT H., BS '50: Geologist, Evansville, Indiana, or 3108 Stratford Road. Mr. Gillis has been with Kewanee since July 1956. Kewanee Oil explores in approximately 10 of the United States and Kewanee-Cuban is currently exploring in Cuba. There are 3 geologists including Mr. Gillis assigned to the Evansville District Exploration Office, and their geological area is essentially the Illinois Basin. Kewanee recently opened a district office at Columbus, Ohio.

HOOVER, W. FARRIN (AB '30 Cincinnati; AM '32 Kansas); Ph.D. '39; Asst. '34-39: Chief Geologist, Habana, Cuba.

PRESTON, ARTHUR F., BS '53: 619 SE 2nd Street, Evansville, Indiana.

Magnolia Petroleum Company

FERAY, DAN E., (BS '39 Tulsa); MS '40; (Ph.D. '48 Wisc.): Field research Laboratories, Box 900, Dallas, Texas.

GSELL, RONALD N., AB '30; (MS '33 Wash. Univ.): Regional Geophysicist, PO Box 900, Dallas 21, Texas.

Mobil Producing Company

GRINNELL, ROBERT N., BS '51; MS '52: Geologist, Box 1652, Casper, Wyoming. Their 3rd child, second daughter, Barbara Lynn was born Nov. 23, 1956. Bob plans to attend the AAPG meetings in St. Louis in April.

TRANTER, CHARLES E., JR., (AB '52 Augustana); MS '54; Asst. '52-54: Geologist, 703 Park, Worland, Wyoming.

Murphy Corporation

HOKE, CHARLES J., AB '37: Vice President - Exploration Advisor, Murphy Building, El Dorado, Arkansas.

KIDDA, MICHAEL L., (BS '49 Millsaps); MS '53; Asst. '49-50: Geologist, 1400 Beck Building, Shreveport, Louisiana, or 4509 N. Fairway.

The Ohio Oil Company

ANDERSON, GERALD K., BS '49; (MS '50 Texas Tech.): Geologist, 770 Milner Building, Jackson, Mississippi.

BAIRD, DONALD W., (AB '50 Monmouth); MS '56: Geologist, Box 38, Bridgeport, Illinois. Don sent word that John Burgener, MS '53, is now in Guatemala.

BURGENER, JOHN A., (AB '51 Macalester); MS '53; Asst. '51-52: Apartado Postal 656, Guatemala.

FRANKLIN, DONALD W., BA '37; MS '39; Asst. '37-39: District Geologist, Box 552, Midland, Texas.

KNIPE, RALPH E., AB '27; MS '29; Asst. '27-29: Division Geologist, Box 120, Casper, Wyoming.

MILLER, DAVID G., AB '55: Geologist, Box 552, Midland, Texas, or 209 W. Gist. Dave and Betty Magee were married August 25, 1956.

NOLAN, THOMAS J., JR., BS '48: District Geologist, Box 38, Bridgeport, Illinois.

Pan American Petroleum Corporation

CENTURY, JACK R., BS '51; MS '52: Box 238, Salt Lake City, Utah.

Pan American Petroleum Corporation (continued)

CURVIN, BERNARD A., BS '39: Box 689, Jackson, Mississippi.

FISHER, ROBERT W., BS '53; MS '56: Geologist, PO Box 266, New Orleans, Louisiana. Bob has been working in offshore exploration and enjoying it very much. They have another son, Richard Wilson, born November 23, 1956.

HOLSTON, ALVIN A., BS '27: Geologist, Box 591, Tulsa, Oklahoma.

LARSON, CARL L., JR., AB '29; MS '30: Vice President, Box 40, Casper, Wyoming. He was elected a vice-president and division manager, Rocky Mountain Division on August 1, 1956.

MILLER, WILLIAM F., (AB '51 Dayton; BS '54 St. Joseph's); MS '55; Asst. '54-55: Jr. Geologist, PO Box 266, New Orleans, Louisiana, or 4911 Carondelet St.

MUENOW, RICHARD A., BS '56: Geologist, PO Box 1092, Shreveport, Louisiana. Dick wrote that his work consists primarily of exploration in the "Wilcox Country", mostly office work - working up new prospects for future consideration.

MYERS, ROBERT E., (BS '53 DePauw); MS '55; Asst. '53-55: Jr. Geologist, Box 1166, Oil Center Station, Lafayette, Louisiana.

OSMENT, FRANK C., (BS '39 Birmingham-Southern); MS '41; Asst. '39-41: Manager, Exploration Planning, Box 591, Tulsa, Oklahoma, or 4102 S. Oswego.

RAISH, HENRY G., AB '31: Senior Staff Geologist, PO Box 1410, Fort Worth, Texas.

RUBLE, CHARLES L., BS '57: (Home Address: 923 N. 14th St., Murphysboro, Illinois).

UPCHURCH, GORDON D., BS '56: Denver, Colorado. (Home: 405 Buchanan St., Benton, Illinois).

VAN SICLEN, DE WITT C., (AB '40 Princeton); MS '41; (MA '47; Ph.D. '51 Princeton); Asst. '40-41: Research Geologist, 1225 Esperson Building, Houston, Texas.

Phillips Petroleum Company

GARD, WILLIAM J., BS '50: Reservoir Geologist, 501 Petroleum Building, Calgary, Alberta, Canada. Bill reports he sees Lew Workman and Mr. Raasch now and then.

GARRETT, HOWARD E., BS '42: Box 948, Ardmore, Oklahoma.

HOWARD, RICHARD H., (AB '52 Colgate); MS '55; Asst. '52-53: Master Graduate Geophysical Trainee, Wichita, Kansas. Dick was recently released from Service.

RALSTON, ROY B., (BS '40 Cornell Coll.); UI '40-41: Division Manager, PO Box 545, Evansville, Indiana.

RHODES, MARTIN M., BS '49: Geophysical Interpreter, Box 523, Rawlins, Wyoming. (Use for mail address: RR 2, Box 152, Largo, Florida).

SCHWALF, HOWARD R., BS '49: Subsurface Geologist, Box 545, Evansville, Indiana.

WIGHT, ROLAND F., BS '52; MS '54; Asst. API '53: Geologist, Oil Center Station, PO Box 1641, Lafayette, Louisiana.

The Pure Oil Company

DUNN, DARREL E., BS '55 with Honors; Socony-Vacuum scholar, '54-55: Olney, Illinois.

FINLEY, DALE C., JR., BS '43: Division Development Geologist, Box 311, Olney, Illinois.

PAMPE, CARL F., BS '41: Shreveport, Louisiana. Fred was formerly Chief Division Geologist of the Illinois Producing Division in Olney, Illinois.

PAMPE, WILLIAM R., BA '47; MA '48; Asst. '47-48: District Geologist, Box 750, Ardmore, Oklahoma

PIERCE, JACK W., BS '49; MS '50; Fellow, '49-50: District Geologist, Bismarck, North Dakota, or 1733 N. 5th.

RALL, RAYMOND W., BS '50; MS '51: Area Stratigrapher, Box 671, Midland, Texas, or 1209 West Michigan.

The Pure Oil Company (continued)

RASMUSSEN, HAROLD C., BS '54: Geologist, Box 44, Earlington, Kentucky, or 516 West Arch Street, Madisonville, Kentucky.

STAFFELD, BYRON C., JR., BS '52 in Psychology; MS '54: Exploration Geologist, Texas Producing Division, Midland, Texas, or 312 E. Dorward.

VAN HORN, CLIFFORD L., (BA '52 Berea); MS '56; Asst. '54-56: Geologist, PO Box 311, Olney, Illinois.

Shell Oil Company

ALLEN, WILLIAM H., BA '36; MS '37; Asst. '37: Division Exploration Manager, Box 845, Roswell, New Mexico, or 1607 Capitan Ave.

BARKLEY, CARLOS J., BS '48: 2206 Hewitt Drive, Billings, Montana.

BROCKHOUSE, ROBERT B., BS '50; MS '51; Fellow '52-53: Geologist, New Orleans, Louisiana.

DEUTH, MARTIN J., (BA '36 DePauw); MS '38; Asst. '36-38: Area Geologist, 1700 Broadway, Denver 2, Colorado, or 2201 E. Floyd Avenue, Englewood, Colorado.

DILLON, EDWARD L., BS '47; MS '49; Asst. '48: District Geologist (Abilene District), Abilene, Texas, or 902 Pioneer Drive.

HARDESTY, JAMES F., BS '51; (MS '57 Louisiana St.): Jr. Geologist, Box 1748, Baton Rouge, Louisiana.

IRWIN, MELVIN L., BA '40; MS '41: Senior Research Geologist, 1845 Sherman Street, Denver, Colorado, or 3201 S. University, Englewood, Colorado.

KENNEDY, VIRGIL J., BS '47; MS '48: District Geologist, PO Box 1509, Midland, Texas, or 711 N. Kent Street.

KULL, DAVID J., BS '48: Area Geologist, 1700 Broadway, Denver, Colorado.

LANG, WILLIAM G., BS '48: Division Production Geologist, 850 1st National Bank Building, Oklahoma City, Oklahoma, or 2616 Huntleigh Drive.

Shell Oil Company (continued)

LUDWIG, ROGER G., BS '54: Stratigrapher Trainee, Box 1191, Tulsa 1, Oklahoma, or 3394 E. 25th Street. Roger was discharged from the Army on September 23, 1956 and started with Shell the first of October. He and Marion have a daughter, Kathie Ann born February 8, 1955.

MC CLURE, PERRY S., BS '31: Marine Exploration Manager, 1326 Frankfort Street, New Orleans 22, Louisiana.

MC GEHEE, J. REX, (BS '29 Okla.); UI '31-32: Area Stratigrapher, 1845 Sherman Street, Denver 3, Colorado. Rex and Merrie May have 2 daughters, Ann (10) and Nancy (5).

MAJOR, CHARLES F., JR., BS '52; MS '54: Geologist, 3737 Bellaire Boulevard, Houston 25, Texas.

OFFENHISER, JOHN J., BA '49 with Honors; Asst. '49: Geologist, Box 1817, Jackson, Mississippi.

RAMBERG, DONALD R., BS '57: Houston, Texas. (Home Address: 9635 S. Millard, Evergreen Park, Illinois).

ROBERTSON, DONELSON A., (BS '49 Centenary); MS '51; Asst. '49-51: District Geologist, Rocky Mountain Area, Billings Division, Hart-Albin Building, Billings, Montana, or 1616 Miles Avenue.

SHAW, JOHN C., BS '49: Stratigrapher, Box 2547, Billings, Montana.

SHELTON, JOHN W., (AB '49 Baylor); MS '51; Ph.D. '53; Fellow '49-50; Asst. '50-52; Shell Fellow, '52-53: 1845 Sherman, Denver, Colorado.

STEVENSON, WILBUR L., BS '52; MS '55; Asst. '54-55; Fellow S '55: Exploitation Engineer, 4431 Betty, Bellaire Texas. (Temporarily assigned to Shell Development Company, Houston, Texas). Their first child, Julie, was born December 6, 1956.

THREET, JACK C., AB '51; Fellow '51: Subsurface Geologist, 850 First National Bank Building, Oklahoma City, Oklahoma, or 2617 Huntleigh Drive.

VAN DYKE, LINDELL H., BS '47; MS '48; Asst. '47-48: Geologist - area staff, Box 1509, Midland, Texas, or 1703 West Kansas Street.

Skelly Oil Company

BARTON, CHARLES A., (BS '49 Millsaps); MS '52; Asst. '49-51: Geologist, Box 1077, Jackson, Mississippi. Charles also teaches night class in physical and historical geology at Millsaps under the University of Mississippi Extension Service.

FISCHER, VICTOR N., (BS '34 Beloit); MS '37; Asst. '35-36: Division Geologist, PO Box 1650, Tulsa 2, Oklahoma, or 2634 S. Florence Drive.

GEDNETZ, DONALD E., (BS '55, Kent St.); MS '57: Donald reported to the Shreveport, Louisiana office on April 1. He will receive the MS degree in June.

HARRINGTON, FRED I., (BS '50 Wheaton); UI '50-52; (MS '54 Iowa): Geologist, Box 41, Evansville, Wyoming.

MORGAN, JOSEPH K., BA '50; (MS '51 Wyoming): District Geologist, PO Drawer 312, Sterling, Colorado. Reported that he had recently learned that Don Fulkerson, BS '50, who had been working for Sahara Petroleum in Egypt was safely evacuated and is now in the States waiting for a new assignment.

ROGERS, ROBERT E., BS '43; MS '48; Asst. '46-47: District Geologist, Box 1683, Shreveport, Louisiana, or 1309 Hassett Street.

The Sun Oil Company

CORDELL, ROBERT J., BS '39; MS '40; (Ph.D. '49 Mo.); Asst. '39: Manager, Geol. Research, 503 N. Central Expressway, Richardson, Texas.

PRESCHER, WILLIAM F., BS '42: Senior Geologist, PO Box 1732, Casper, Wyoming, or 3024 Nob Hill Drive. Bill was general chairman of the Wyoming Geological Association, 11th Annual Field Conference held at Jackson Hole, Wyoming in September 1956.

SUTTON, DONALD G., BS '34; (MS '36 Washington U.): Geologist, PO Box 717, Evansville, Indiana.

WEART, RICHARD C., (BA '43 Cornell Coll.; MS '48 Syracuse); Ph.D. '50; Asst. '48-49; Shell Fellow '49-50: Assistant Manager, Geological Research, 503 N. Central Expressway, Richardson, Texas.

WISE, ROSCOE E., BS '48: District Geologist, Box 717, Evansville, Indiana.

The Sun Oil Company (continued)

ZINSER, ROBERT W., AB '48; (MS '50 Kansas): Box 240, Abilene, Texas.

Sunray Mid-Continental Oil Company

FINFROCK, LAWRENCE J., BS '40; MS '48: Staff Geologist, PO Box 2039, Tulsa, Oklahoma, or 1733 S. Darlington, Tulsa 12. Larry was transferred to Tulsa in July, from Jackson, Mississippi where he was district geologist.

LINDLEY, KEITH, BS '37: Division Superintendent, Gulf Coast Division, Box 1497, Oil Center Station, Lafayette, Louisiana.

MORTON, ROBERT B., (BS '41 Birmingham-Southern Coll.); MS '43; Asst. '41-43: District Geologist, Box 498, Corpus Christi, Texas. Bob reported his first kill - a large tom turkey - just in time for Christmas dinner!

The Superior Oil Company

GRUBB, CARL F., AB '31; AM '32; Asst. '33-35: District Geologist, 915 American Bank Building, New Orleans, Louisiana. Carl, his wife Grace, and son Charles visited with his parents in Champaign over the Christmas holidays.

HAWORTH, CHARLES R., BS '47: District Geologist, 906 Hamilton Building, Wichita Falls, Texas.

Standard Oil Company of California

HARDIE, CHARLES H., (BS '50 Texas Western); Asst. '50-52: Geologist, PO Box 278, Oildale, California.

HELMUTH, DARRELL N., BS '50: Development Geologist, Exploration Department, 11-C Camp, Taft, California.

PARKER, EDWIN S., BS '43; (MS '47 Minn.): Division Geological Supervisor, 4514 Bloomquist Drive, Bakersfield, California. Ed was a welcome visitor to the department in October, 1956.

WELGE, EDWIN A., BS '52: Geologist, 2036 Medusa Way, Sacramento 21, California. Ed is doing stratigraphy and areal mapping work.

Standard Oil Company of New Jersey

BROUN, ALEX S., BS '55: (Home: 4916 N. Central Park, Chicago, Illinois). (Alex has an overseas assignment).

POLK, DONALD J., BS '34; Asst. '34-35: Coordinator, Crude Oil Supply and Transportation, Box 1728, Shreveport, Louisiana. We were happy to have a visit last August from Mr. and Mrs. Polk and their twin daughters.

Standard Oil Company of Texas

LEWIS, JOSEPH T., (BA '55 Rochester); MS '57: Geologist, Chadbourne Building, San Angelo, Texas.

MURPHY, ROBERT E., JR., BS '50; (MS '53 Emory): Development Geologist, Box 818, Iraan, Texas. Bob and Gwendolyn Wommack of Linden, Texas were married August 18, 1956. Bob was on active duty with the navy from June '51 to September '52.

SMITH, GUY W., BS '51; MS '53: Staff Geologist, PO Box 2087, Amarillo, Texas.

WILSON, GENE D., (BS '50 Marshall); MS '54: Photo Geologist, Houston, Texas, or 1402 Glourie Drive.

Tennessee Gas Transmission Company

HONEA, ROBERT C., BS '46; MS '48; Asst. '46-48: District Exploration Manager, 601 Leggett Building, Midland 1, Texas, or 105 Briar Street.

STEPHENS, ROBERT M., BS '48 in Min. Eng.; MS '49: Chief Petroleum Engineer, PO Box 2511, Houston, Texas.

The Texas Oil Company

BALDWIN, DONALD C., BS '49; MS '51: Geologist, Midland, Texas or (Captain, USAF, 7204 Offutt Circle, Biggs AFB, Texas).

BORDEN, EUGENE W., (BS '55 Lamar St. Coll.); MS '56; Asst. '55-56: Geologist, Producing Department, Box 2332, Houston 1, Texas.

BROWNFIELD, ROBERT L., (BS '50, St. Louis U.); MS '55: Geologist, PO Box 539, Ardmore, Oklahoma.

The Texas Oil Company (continued)

FORD, GLEN M., AB '40; MS '41: Senior Geologist, Box 2420, Tulsa, Oklahoma, or 4370 S. Allegheny. Glen and Marian have 2 boys, Roger (10) and Stevie (7). Glen interviewed geology students here in November for prospective employment with his company. This was the 2nd time he had been on the campus since he left in 1941.

MESCHER, PAUL A., BS '49; (MA '50 Wyoming): Geologist, 711 North "D" Street, Midland, Texas.

MOYER, FARIS K., BS '39; Asst. '39: Exploration Supervisor, Southern Louisiana, PO Box 252, New Orleans, Louisiana. The Moyers have 3 boys and 1 girl, the most recent, Patricia Ann, born October, 1956.

O'HERAN, WILLIAM B., BS '48: District Geologist, Box 539, Ardmore, Oklahoma.

SCOTT, ROBERT B., (BS '49 Redlands); MS '51; Asst. '49-51: Geologist, Box 3127, H. St. Annex, Bakersfield, California, or 4607 Randy Avenue.

SPAULDING, BERNARD B., BS '38: District Geologist, PO Box 2523, Jackson, Mississippi, or 4419 E. Ridge Drive.

VINEYARD, WILLIAM L., BS '49; MS '50: PO Box 2332, Houston 1, Texas.

WALK, HUGH G., BA '41; MS '48: Geologist, Box 2332, Houston 1, Texas.

WILLIAMS, JOHN R., AB '36; MS '38: Box 252, New Orleans, Louisiana.

WOOLEY, LINDER, BS '51: Lock Box 136, Salem, Illinois.

Union Producing Company

SCHROEDER, FRED R. "FRITZ", BS '30: Superintendent, Geological Department and Director, Box 1407, Shreveport, Louisiana.

YOUNG, JACKSON S., BS '27; MS '29: Manager, Geophysical Department, Box 1407, Shreveport, Louisiana.

Others

ALTROGGE, JULIAN J., AB '49: Chief Geologist, Royal Oil & Gas Corporation, 902 Petroleum Building, Tulsa 3, Oklahoma, or 4185 E. 46th Street.

BANDY, JAMES C., (AB '49 Berea); AM '50; Asst. '49-50: Geologist, South Texas Development Company (Wytex Oil Corporation), Room 256, Denver Club Building, Denver, Colorado, or 2412 Otis Street.

BARRETT, JOHN F., (BS '34 Beloit); MS '35; Asst. '35: Exploration Manager, Cuban Colombian Petroleum Company, Edificio ENE No. 704, Vedada, Habana, Cuba.

BENSON, EDMUND T., (BS '29, Chicago); UI '31-34: Geologist, Service Pipeline Company, PO Box 1979, Tulsa 2, Oklahoma. Grandson born October 9, 1956.

BLAZINA, HUBERT E., BS '49: National Illuminating Company. (Address unknown, but believe he is somewhere in Texas).

BOWMAN, MRS. DONALD C. (Helen Margaret Storm), AB '48: Sinclair Research Laboratory, 860 N. Lewis, Tulsa, Oklahoma.

BRADY, JAMES N., BS '50: Scout, Ashland Oil and Refining Company, 2419 Jackson Avenue, Ashland, Kentucky.

BRIERLEY, DAVID A., BS '49: Asst. to the Chief Geologist, National Associated Petroleum Company, 502 Ritz Building, Tulsa, Oklahoma, or 5332 E. 26th Place. After serving 2 years in the army Dave returned to NAP in Tulsa, June 6, 1955. He and Joy Haskins Perry of Tulsa were married October 22, 1955. They have a son, David Charles "Chucky" born August 22, 1956. They purchased a new home at 5332 E. 26th Place, and have the latch out for all Illini.

BROWN, ROBERT P., BS '51: Corrosion Engineer (District), Sinclair Pipeline Company, RR 1, Mazon, Illinois, or 402 Morton Avenue, Aurora, Illinois.

BROWN, ROBERT W., (BS '11, Northwestern); MS '13; (Ph.D. '27, Chicago): 371 Nova Lane, Menlo Park, California. (Formerly with Cooperative Refining Association of Kansas City, Missouri, as Staff Geologist).

Others (continued)

CALDWELL, WILLIAM S., (BS '48 Wooster); MS '51: Division Geologist, Texas-New Mexico Division, Southern California Petroleum Corporation, Box 1071, Midland, Texas. Bill works in the Permian Basin Area of Texas and New Mexico. Their third child, William Thomas, was born last May; they now have 2 girls and a boy.

CASSIN, RICHARD J., BS '42; MS '49: Petroleum Geologist, Forest Oil Corporation, RR 2, Casey, Illinois.

CLARK, CHARLES R. "BUD", AB '26; AM '28; Asst. '26: Kerr-McGee Oil Industries, Kerr-McGee Building, Oklahoma City, Oklahoma.

CLAY, JOHN O., (BA '43 Wooster); MA '48; Asst. '46-48: President and Chief Geologist, Clay Oil and Gas Corporation, Monroe, Louisiana. Daughter, Peggy, born November 4, 1955.

CROOKS, HAROLD F., AB '16; MS '18: 438 Palm Drive, Vista, California. (Retired: Formerly, Director, Iraq Petroleum Company, Limited).

CULLISON, JAMES S., AB '28; (MS '30 Mo.; Ph.D. '42 Yale): Egyptian-American Oil Company, PO Box 50, 2 Sharia Walda Pasha, Garden City, Cairo, Egypt.

DEAN, JAMES W., BS '48: Executive Vice President, Lauderdale Oil Corporation, PO Box 129, Carmi, Illinois.

DECKER, WILLIS M., BS '39: District Development Geologist, Cities Service Oil Company, Box 4577, Oklahoma City, Oklahoma, or 4221 NW 21st. Attended AAPG meetings in Chicago last April. He is past president of Oklahoma Geological Society; is district representative for AAPG Oklahoma City area, and will attend the AAPG meetings in April in St. Louis.

FAGIN, KYLE M., AB '30: Manager, Oil Investments (Loans), Southwestern Life Insurance Company, PO Box 2699, Dallas 21, Texas.

FIREBAUGH, MAX C., BS '47: Collins Brothers Oil Company, Box 379, Mt. Vernon, Illinois.

FOLK, STEWART H., (AB '36 Baylor; MS '38 Iowa St. Univ.); UI '42-43: Texas Latin Exploration Company, Palermo, Italy.

FOSTER, JACK D., (BS '49 Mo. Sch. Mines); MS '51; Asst. '49-50: Chief Geologist, James G. Brown and Associates, PO Box 2667, Midland, Texas.

Others (continued)

FOX, ROBERT E., (BS '52 Marshall); MS '53; Asst. '52-53: Chief Stratigrapher, Hunt International Petroleum Company, 700 Mercantile Bank Building, Dallas, Texas, or 5942 Frederick Square, Apt. B, Dallas.

FOX, MRS. ROBERT E., (Mary Ann Strouse, AB '52 Wooster); MS '53; Fellow '52-53: Geologist, Lone Star Producing Company, Geology Department, 1915 Wood Street, Dallas 1, Texas, or 5942 Frederick Square, Apt. B, Dallas.

GOLLNICK, ROBERT L., AB '40; MS '41: Staff Geologist, Ralph E. Davis, 1238 Commerce Building, Houston, Texas.

HAMMACK, JULIUS E., BS '50 in Commerce; BS '54: Geologist, Walter Duncan Oil Properties, Box 206, Mt. Vernon, Illinois.

HANES, VINCENT E., BS '39; MS '40: Geologist, Nebo Oil Company, Inc., 930 Mercantile Bank Building, Dallas, Texas.

HARTS, HANSON W., BS '21: Vice President, Warren Petroleum Corporation, Box 1589, Tulsa, Oklahoma.

HARVEY, CASTLE J. C., BS '32: Assistant Exploration Manager, Texas Pacific Coal and Oil Company, PO Box 2110, Ft. Worth, Texas.

HEINZ, DAVID M., BS '52; MS '53: Aurora Gasoline Company, 215 SE 7th Street, Evansville, Indiana.

HOCKMAN, GEORGE D., BS '53: Geologist, Jas. N. Hockman Oil Producers, Box 68, Salem, Illinois.

HOFFMAN, CARLYLE K., AB '41; (MA '49 U. of Buffalo): Geologist, N. V. Duncan Drilling Company, Box 302, Fairfield, Illinois.

JOHN, FRED S., BS '50: Interpreter, Offshore Exploration Group, Inc., 2128 West Alabama, Houston, Texas.

KELLY, ROBERT A., BS '42: Owner and Operator, Shure Oil Company, RR 1, Mt. Carmel, Illinois.

LAMB, ROBERT R., BS '47; MS '48; Asst. '47-48: District Geologist, C. G. Glasscock-Tidelands Oil Company, 215 Shell Building, New Orleans, Louisiana.

LANE, ROBERT W., BS '49; (MS '51 S. Dak.): Geologist, Champlin Oil and Refining Company, Box 87, Casper, Wyoming.

Others (continued)

LARNER, MILTON F., BA '51; MS '55: Geologist, Pasotex Petroleum Company, Box 976, Ardmore, Oklahoma.

LA VIOLETTE, PAUL E., BS '56: Standard of Indiana (Home: 7611 Glucester Avenue, Norfolk, Virginia).

LOCKER, WALTER A., JR., (AB '48 Wooster); MA '50; Asst. '48-50: Senior Geologist, Sohio Petroleum Company, PO Box 2007, Midland, Texas.

MC COMMONS, WILLIAM "BILL" E., BS '47: McCommons Oil Company, 6466 Pemberton Drive, Dallas 30, Texas.

MC MACKIN, S. CARL, BS '27; MS '28; Asst. '28-29: Kuwait Oil Company, Ltd., Apartado 45, Barcelona, Venezuela, SA.

MACY, JAMES O., BS '54: Chief Geologist, Dixie Petroleum Corporation, Box 86, Albion, Illinois.

MASON, JAMES L., JR., BS '52: Managing Partner, Gulf Plains Petroleum Company, 264 Meadows Building, Dallas, Texas.

MELROSE, DANIEL C., BS '49: Geologist, The National Oil Company, 601 W. Center, Fairfield, Illinois.

MILLER, FORREST J., Asst. '21-22: Arkansas Fuel Oil Corporation, Wichita Falls, Texas.

NOBLE, JUDSON W., BS '50: c/o Kingwood Oil Company, Mount Vernon, Illinois, or 120 1/2 North 6th St.

NORRIS, RONALD L., AB '48: Geologist, Cox Drilling Company, Box 575, Owensboro, Kentucky.

PATTERSON, DALE D., BS '55; MS '56; Asst. '55-56: Socony Mobil, Apt. 246, Caracas, Venezuela, SA.

PEACE, FRANK S., BS '49: Geologist, Utah Southern Oil Company, 901 Utah Oil Building, Salt Lake City, Utah.

PETSOFF, GEORGE J., BS '42 1/2: District Geophysicist, Forest Oil Corporation, 1610 Denver Club Building, Denver, Colorado.

REASONER, MELTON A., ex '32: Vice President and General Manager, Canada Southern Petroleum, Ltd., 505 8th Avenue Building, Calgary, Alberta, Canada.

Others (continued)

SCHAFER, ELWOOD W., BS '50: Reservoir Engineer, General American Oil Company of Texas, Meadows Building, Dallas 6, Texas, or 9760 Ash Creek Drive.

SCHROEDER, DEAN H., BS '50: Partner, Waehtman Drilling Company, 402 1st National Bank Building, Pawhuska, Oklahoma.

SHAFER, JOHN D., BS '54: Geologist, American Stratigraphic Company, 3336 Glencoe, Denver, Colorado.

SMITH, MAURICE H., BS '39; MS '41: Manager, Bismarck Branch Office, Northwest Geological Service, 2100 Broadway, Bismarck, North Dakota.

SNEED, HENRY E., (BS '49, Miss. St. Coll.); MS '50: Petroleum Geologist, Reynolds Mining Corporation, Oil and Gas Division, Box 1328, Durango, Colorado.

TAYLOR, WARREN L., (BS '47 Kansas St. Coll.); MS '49; Asst. '49: Superintendent, Land and Geological Department, El Paso Natural Gas Company, 300 Tribune Building, Salt Lake City, Utah.

TERRY, ROBERT I., JR., BS '47: Geologist, Chiles Drilling Company, 617 Wilson Tower, Corpus Christi, Texas.

TUCK, LEWIS L., BS '40; (MS '41 Texas): Vice President, Will I. Lewis Drilling Company, 425 Continental Oil Building, Denver, Colorado.

UTTERBACK, DONALD E., AB '30; MS '32; Ph.D. '36; Asst. '30-34: Vice President, Freeport Oil Company, PO Box 1520, New Orleans, Louisiana.

WAGNER, OSCAR E., JR., AB '28; AM '29; Ph.D. '32; Asst. '28-32: Geologist, Service Drilling Company, 515 Kennedy Building, Tulsa, Oklahoma, or 5314 E. 13th Street. Their daughter, Laura Ann is a sophomore, majoring in music (piano and organ) at Oklahoma Baptist University, Shawnee, Oklahoma, and is a member of Sigma Alpha Iota, and another daughter, Ellen, is a junior at Will Rogers High School, Tulsa.

WHITE, HAROLD R., BS '47; MS '48; Asst. '48: Geologist and Manager Milner-White Oil Company, 840 Milner Building, Jackson 5, Mississippi, or 549 Benning Road. This is a newly-organized company for the purpose of doing general oil operations in the southeastern states.

Others (continued)

WILLIAMSON, ALAN D., (BS '49 N. Carolina); UI '51-52: Ted Glass Oil Properties, Box 480, Mt. Vernon, Illinois.

WINKLEMAN, JAMES E., BS '53: Staff Geologist, Tidewater Oil Company, Box 1147 OCS, Lafayette, Louisiana.

Schlumberger Well Surveying Corporation

EDDINGS, ARNOLD L., AB '42; MA '47: Location Manager, 1811 Prairie Ave., Mattoon, Illinois. The Eddings have 3 children, J. Michael (10), Phillip (9) and Sandra (7).

GREGG, WILLIAM N., Jr., BS '48; MS '49: 304 Kirk St., New Iberia, Louisiana.

STALLSWORTH, WILLIAM R., BS '51: Engineer-In-Charge, Box 8, Mt. Pleasant, Michigan.

Geophysical Service, Inc.

ANDERSON, ROY E., (BS '54 Marietta); Asst. '54: 2716 Burbank St., Dallas, Texas.

EVERITT, JAMES, AB '41: Supervisor, 909 Bank of the Southwest Bldg., Houston, Texas.

Others

BROWN, ROBERT L., BS '49: Party Chief, Seismic Explorations, Inc., Box 597, Watford City, North Dakota.

COLLIER, HORACE E., BS '49: Engineer, Baroid Sales Division, Magnet Cove Region, Malvern, Arkansas.

DOLLAHAN, LOWELL A., BS '30, Engineering: District Manager, Ethyl Corporation, Kansas City, Missouri District, 1917 Buchanan St., North Kansas City, Missouri, or 9619 Lee Blvd., Kansas City 15.

GLOSSOP, ROBERT L., BS '52: Assistant Engineer, Core Laboratories, Inc., Box 59, Cabaiguan, L.V., Cuba.

LOVE, WILLIAM W., AB '28; MS '29; Ph.D. '35: Director of Research, Dowell Inc., P.O. Box 536, Tulsa, Oklahoma.

PARKER, THOMAS R., BS '32; MS '33: Owner, Addison Drilling Co., Box 305, Central Point, Oregon.

PERVINSEK, ROBERT J., BS '51: Assistant Party Chief, General Geophysical Co., Box 267, Purcell, Oklahoma.

Others (continued)

SCHUBERT, RAYMOND D., BS '50: Geophysicist, Dawson Geophysical Co., Box 2102, Midland, Texas, or 2205 W. Shell St.

STEIN, CLARKE, BS '49: Party Chief, United Geophysical Co. of Canada, 531 8th Ave., West, Calgary, Alberta, Canada.

Illinois State Geological Survey

BAXTER, JAMES W., (BS '50; MS '52 Ark.): Assistant geologist, Industrial Minerals Division, Natural Resources Building, Urbana, Illinois. Mr. Baxter started graduate work toward the Ph.D. in 1952 at Illinois. In 1954 he entered the Service and was discharged from the U.S. Army in October, 1956 where he had served in the Chemical Corps. He re-enrolled at UI this semester. He has passed the prelims and has been busy working on his research for the Ph.D. degree.

BEVAN, ARTHUR C., (BS '12; D.Sc. '42, Ohio Wesleyan; Ph.D. '21 Chicago); staff, '21-28: Principal Geologist, Emeritus. Now living at Churchville, Virginia. Doctor Bevan is enjoying his retirement status but is keeping busy mapping the border zone of the Shenandoah Valley and Allegheny Mountains (the North Mountain overthrust zone) and the Devonian of West-Central Virginia.

BRADBURY, JAMES C., AB '41; (AM '49 Harvard): Associate Geologist, Natural Resources Building, Urbana. A new daughter, Jean Ann, was born September 3, 1956 making a total of 3 children. They live at 604 S. Race, Urbana.

BRADLEY, WILLIAM F., AB '30; Ph.D. '35 in Chemistry: Chemist, Natural Resources Building, Urbana, or 1209 W. John, Champaign.

BROPHY, JOHN A., AB '48; MS '49; Asst. '48: Assistant Geologist, Natural Resources Building, or 1402 S. Mattis, Champaign. John is working toward the Ph.D. in the department. Amy Ruth, a daughter, was born April 16, 1956.

BUSCHBACH, THOMAS C., BS '50; MS '51: Assistant Geologist, Natural Resources Building, or 1407 1/2 W. Park, Champaign. Tom is doing graduate work toward the Ph.D. degree in the department.

CLEGG, KENNETH E., BS '50; MS '53: Assistant Geologist, Coal Division, Natural Resources Building, Urbana, or 506 N. Lake Street.

EKBLAW, GEORGE E., AB '22; AM '23; (Ph.D. '27 Stanford); Scholar, '22; Fellow '23: Geologist and Head, Division of Engineering Geology and Topographic Mapping, 300 Natural Resources Building, or 511 W. Main. Doctor Ekblaw attended the GSA meetings at Minneapolis in November where he presented a paper on Engineering Geology and attended the University of Illinois Alumni luncheon.

Illinois State Geological Survey (continued)

GARRETT, JAMES H., (BS '51 Marshall); Asst. '55-56: Research assistant, Natural Resources Building, or 1604 Coronado Drive, Champaign. Jim is working toward the MS degree in the department.

HARRISON, JOHN A., (BS '40 Arkansas); MS '48: Associate Geologist, Natural Resources Building, or 2006 Boudreau Drive, Urbana.

KENT, MRS. LOIS S., (AB '34 Oberlin; MA '36 Cornell Univ., Ph.D. '40 Bryn Mawr); Instructor, '54-55: Assistant Geologist, 465 Natural Resources Building, Urbana, or 804 W. Springfield, Champaign.

LAMAR, JOHN E., (BS '20 Chicago); Asst. '20-21: Geologist and Head, Industrial Minerals Division, Natural Resources Building, Urbana, or 209 W. Nevada.

LEIGHTON, MORRIS M., (BA '21 and MS '13 Iowa; Ph.D. '16 Chicago); Asst. Prof. '19-23: Chief Emeritus, Natural Resources Building, Urbana, or 611 W. Pennsylvania. Doctor Leighton was recently made consultant to the U.S. Geological Survey on midwest glacial geology.

OSTROM, MEREDITH E., (BS '52 Augustana); MS '54; Asst. '52-54: Assistant Geologist, Natural Resources Building, Urbana, or 910 N. Lincoln. Meredith is working on his language examinations toward the Ph.D. degree. Son, Michael Eric was born June 6, 1955.

PARKER, MARGARET "PEGGY" A., (BS '43 Northwestern); MS '53: Assistant Geologist, Natural Resources Building, Urbana, or 1110 West Oregon.

SIMON, JACK A., AB '41; MS '46: Geologist and Head, Coal Division, Natural Resrouces Building, or 502 W. Oregon, Urbana.

TRUEBLOOD, SHIRLEY J., BS '56: Research Assistant, Educational Extension Division, Natural Resources Building, Urbana, or 1406 N. McKinley, Champaign. Shirley is taking a graduate course in anthropology.

VAN DEN BERG, JACOB, (BS '52 Ark.); MS '56; Fellow '52-53: Assistant Geologist, Natural Resources Building, Urbana, or 1205 W. Eureka Street, Champaign.

WHITE, W. ARTHUR, BS '40; MS '47; Ph.D. '55: Geologist, Natural Resources Building, or 603 E. Colorado, Urbana.

Illinois State Geological Survey (continued)

WILLMAN, H. BOWEN, AB '26; MA '28; Ph.D. '31; Asst. '26-28: Geologist, Stratigraphy and Areal Geology, Natural Resources Building, or 411 W. Indiana, Urbana.

WILSON, GEORGE M., BS '42; MS '44: Geologist and Head, Educational Extension Division, Natural Resources Building, Urbana, or 505 W. Vermont.

YOUNKER, RONALD A., BS '57: Geologist, Natural Resources Building, Urbana.

Indiana Geological Survey

GUTSTADT, ALLAN M., BA '49, Highest Honors; (Ph.D. '54 Northwestern); UI '49: Geologist, Petroleum Section, Bloomington, Indiana.

SHAVER, ROBERT H., BS '47; MS '49; Ph.D. '51; Asst. '47-50; Shell Fellow '50-51; Visiting Lecturer, S '53: Head, Paleontology Section, and Associate Professor, University of Indiana, Bloomington, Indiana.

Pennsylvania Geological Survey

CONLIN, RICHARD R., (BS '52 Franklin & Marshall); MS '54; Asst. '54: Geologist, Bureau of Topographic and Geologic Surveys, Department of Internal Affairs, Harrisburg, Pennsylvania. Dick was separated from Army in June 1956 and started at the Survey in July.

SHEPPS, VINCENT C., (BS '50 Franklin & Marshall); MS '52; Ph.D. '55; Asst. '50-55: 2374 Lititz Pike, Lancaster, Pennsylvania. After serving several years in the armed forces and stationed in Germany, Chester returned to the States this spring and started work with the Survey.

U. S. Army Corps of Engineers

BUCK, ALAN D., BS '50: Assistant Chief, Petrography Section, Waterways Experiment Station, Concrete Research Division, PO Drawer 2131, Jackson, Mississippi. The Bucks moved into a new house in January.

U. S. Army Corps of Engineers (continued)

DYNI, JOHN R., (BS '53 Wayne); MS '55: Engineering Geologist, Kansas City District, 1200 Federal Building, Kansas City, Missouri, or 628 Webb Avenue, Detroit 2, Michigan. As of January 13, he began 6-month active duty with the Army. First 8 weeks will be at Fort Leonard Wood, Missouri. This is part of the new reserve program for scientific and professional personnel. "Still single".

HANSON, WILLIAM A., BS '51: Civil Engineer, PO Box 554, Mokena, Illinois.

MEYER, MARVIN P., BS '41; MS '46: Soils Engineer, Chicago District Office, F. & M. Branch, 475 Merchandise Mart, Chicago 54, Illinois.

READ, MASON K., (BS '14 Denison); MS '16: Chief, Geology Section, Foundation and Materials Branch, Box 17277, Foy Station, Los Angeles, California, or 2102 Parnell Way, Altadona, California. Mr. Read says "It has been 40 years last June since I left my 'office' in Old Natural History Building, Department of Geology, Urbana".

SPANSKI, ROBERT F., ex '48-49; (BS '50 Bradley): Geologist, Division of Waterways, 201 W. Monroe Street, Springfield, Illinois.

U. S. Atomic Energy Commission

MALAN, ROGER C., AB '51: Geologist, Box 7647 Lakewood Br., Denver 15, Colorado. Roger is assistant chief of the Raw Materials Division's Colorado Branch.

PATTERSON, BEN A., (BS '53 Monmouth); MS '57; Asst. '53-55: Geologist, Geologic Branch, Grand Junction, Colorado. Ben recently finished his MS thesis and received the degree in February.

TOM, CHARLES W., BS '49: Geologist, Fry Canyon, Blanding, Utah.

U. S. Bureau of Mines

ANDERSON, SUMNER M., ex '25: Latin American Specialist, 2425 Interior Building, Washington 25, D. C. Sends best regards to Doctor Leighton with whom he had a delightful reunion in Mexico City last September. The Andersons live at 2417 Sheridan Street, West Hyattsville, Maryland.

U. S. Bureau of Mines (continued)

BUSCH, PHILLIP M., BS '48; MS '49 & Ph.D. '53 in Geography: Branch of Ferrous Metals and Ferro-alloys, Interior Building, Washington, D. C.

PARKS, BRYAN C., (BS '27 Ark.); MS '41: Geologist, 4800 Forbes Street, Pittsburgh, Pennsylvania.

ROBERTS, CARROLL N., (AB '41 DePauw); Asst. '41: Special Minerals Branch, Bluemont, Virginia.

TESCH, WILLARD J., JR., BS '49: Geologist, Oil-Shale Experiment Station, Mining Section, Anvill Points 49, Rifle, Colorado.

U. S. Geological Survey

BACK, WILLIAM, AB '48; (MA '55 Calif.): Geologist, Ground-Water Branch, Washington 25, D. C.

BAUER, MRS. ROBERT (Colene Woodmency, BS '51): Geologist, Ground-Water Branch, Washington 25, D. C., or 241 Southampton Drive, Silver Spring, Maryland.

BOARDMAN, RICHARD S., BS '48; MS '52; Ph.D. '55; Asst. '49-52: Geologist, U. S. National Museum, Room 338, Washington 25, D. C.

BROKAW, ARNOLD L., (BA '37 Coe Coll.); MS '42: District Supervisor, Colorado Plateau District, Mineral Deposits Branch, Box 360, Grand Junction, Colorado.

BROWN, GEORGE P., AB '42: Military Geology Branch, Washington 25, D. C., or 3100 Rodman St., NW, Washington 8, D. C.

CARLSON, JOHN E., BA '48; BS '49; (MS '51 Idaho): Geologist, Box 165, Platteville, Wisconsin, or 830 Union Street.

CHASE, LIVINGSTON (BS '50 N.H.); Asst. '55: Military Geology Branch, Washington 25, D. C., or 3033 16th St., NW, Apt. 320. He is working on his MS thesis under Doctor Hagner of the department.

COHEE, GEORGE V., BS '31; MS '32; BS '33 in Education; Ph.D. '37; Asst. '34-36: Chairman, Geologic Names Committee and Chief, Geologic Names Review Staff Room B-242-E General Services Building, Washington 25, D. C., or 5508 Namakagan Road.

U. S. Geological Survey (continued)

CORCHARY, GEORGE S., (BS '48 N.H.); UI '53-54: Geologist, U.S. Army Map Service, Far East, APO 500, San Francisco, California. George is in Japan on a 1-2 year loan from the USGS to the Corps of Engineers in Japan to aid in Far East Geology and soils mapping program. He narrowly missed seeing Jim McNitt in Japan but did talk with him on the phone before Jim left for the states.

DAVIS, GEORGE H., BS '42: Geologist, 2520 Marconi Avenue, Sacramento, California. After supervising ground-water investigations in the San Joaquin Valley for 5 years, he is now engaged in research on problems of land subsidence in California.

DUTTON, CARL E., (BA '26 DePauw); MA '28; (Ph.D. '31 Minn.); Asst. '26: Regional Geologist, 213 Science Hall, Madison 6, Wisconsin.

ELIAS, MAXIM M., (AB '37 Kansas); AM '39; Asst. '37-39: Geologist (on field assignment in Germany). USGS Team (Europe), 139th Engr. Det. (Terrain), APO 403, New York, N. Y.

FISCHER, WILLIAM A., (BS '40 McKendree); UI '40-41: Chief, Photogeology Section, Washington 25, D. C.

GIRHARD, MARY NANCY, BS '46; MS '48; Asst. '46-47: Geologist, Washington 25, D. C., or Arlington Towers, Tyler 339, Arlington 9, Virginia. Nancy returned to the States last August from Tokyo where she had been on assignment for the USGS.

GLICK, ERNEST E., (BS '49 So. Cal.); Asst. '50: Geologist, Fuels Branch, 234 Federal Building, Tulsa 3, Oklahoma.

HARRISON, JACK E., (AB '48 DePauw); Ph.D. '51; Fellow '48-50: Assistant to Assistant Chief Geologist for Program, Geologic Division Program Office, GSA Building, Washington 25, D. C., or 56 Ancel Street, Alexandria, Virginia. Jack expects to start a new field assignment around Lake Pend Oreille, Idaho, this summer. They will move back to Denver around the end of June.

HATHAWAY, JOHN C., (AB '50 Colgate); MS '52; Asst. '50-52: Geologist, North Building, Agricultural Research Center, Beltsville, Maryland, or 7107 14th Avenue, Takoma Park, Maryland.

LARRABEE, DAVID M., (AB '32 Dartmouth); AM '36: Geologist, Room 5216, Interior Building, Washington 25, D. C. Dave has started a new field job on the bedrock geology of Danforth quadrangle, Maine.

U. S. Geological Survey (continued)

LEVISH, MURRAY (AB '52 N.Y. Univ.); MS '55; Asst. '52-55: Military Geology Branch, Washington 25, D. C. Understand he is assigned to the Coal Division and Mapping in western Pennsylvania.

MASON, ARNOLD C., (BS '28 Yale); MS '54; Ph.D. '55; Fellow '52-53: Geologist, Military Geology Branch, Washington 25, D. C. He and Catherine Harrison of Seattle, Washington were married June 23, 1956. Arnold attended the International Geological Congress in Mexico in September.

MILLER, DON J., (AB '40 Wooster); MS '42; Asst. '40-42: Geologist, Alaskan Branch, 4 Homewood Place, Menlo Park, California, or 750 40th Place, San Francisco 21.

ORKILD, PAUL P., BS '52: Geologist, Photogeology Section, Grand Junction Office Alaskan Branch, 620 Bluegill Drive, Grand Junction, Colorado. The Orkilds have a son, Theodore Paul, born Oct. 26, 1956 who weighed in at 9 lbs., 6 1/2 ozs.

OTTON, EDMOND G., BS '39; MS '47: District Geologist, 103 Latrobe Hall, Johns Hopkins University, Baltimore 18, Maryland, or 1108 Elbank Avenue, Baltimore 12, Maryland.

PATTERSON, SAM H., JR., (BA '40 Coe Coll.; MS '47 St. U. of Iowa); Ph.D. '55: Geologist, Mineral Deposits Branch, Agricultural Research Center, Beltsville, Maryland.

RANDALL, ALLAN D., (BS '53 Conn.); MS '55; Asst. '53-54: Geologist, Ground-Water Branch, Room 201 PO Building, Middletown, Connecticut. Allan joined the Army reserves under the new program for scientific personnel.

RIOUX, ROBERT L., (BA '53 N.H.); MS '55; Fellow '53-54; Asst. '54-55; Shell Fellow '55-56: Geologist, Min. Clas. Con. Div., Denver Federal Center, Denver, Colorado. Bob is completing his Ph.D. thesis under Doctor Wanless.

ROSS, CLARENCE S., AB '13; AM '15; Ph.D. '20: Geologist, Washington 25, D. C., or 7133 Maple Avenue, Takoma Park, Maryland.

SCHOPF, JAMES M., (AB '30 Wyoming); MS '32; Ph.D. '37: Supervising Geologist, Coal Geology Laboratory, Fuels Branch, Orton Hall, Ohio State University campus, Columbus 10, Ohio.

U. S. Geological Survey (continued)

SCHULTZ, LEONARD G., (BA '50 Cal. Tech.); MS '52; Ph.D. '54; Asst. '50-52; Ill. Clay Fellow '52-54: Geologist, Mineral Deposits Branch, Beltsville, Maryland, or Highbridge, Bowie, Maryland. Len and Hildy took 3 weeks vacation in September, visited Quebec, the Maritime Provinces, and New England. They also attended the Clay Conference on the campus in October.

SCHULTZ, MRS. LEONARD G. (Hildreth Newell, BS '52 Wooster); MS '54; Asst. '52-54: Geologist, WAE, Geochemistry and Petrology Branch, Highbridge, Bowie, Maryland.

SHEPPARD, KENNETH R., BS '49: Cartographer (Topo), Department of Interior, Box 133, Rolla, Missouri.

SIMPSON, HOWARD E., (AB '40 N. Dak.); MS '42; (Ph.D. '52 Yale); Asst. '40-42: Geologist, Engineering Geology Branch, Denver Federal Center, Denver, Colorado. Howard is presently working in Connecticut. The Simpsons have 2 children, Anne (8) and Paul (2).

SIMS, PAUL K., AB '40; MS '42; (Ph.D. '50 Princeton); Asst. '40-42: Geologist, Denver, Colorado, or 520 Dover, Lakewood, Colorado. Paul has been appointed supervisor of Rocky Mountain District for Mineral Deposits Branch of the Survey.

SMITH, HENRY L., AB '43: Geologist, Euclid Avenue, Classroom Building, University of Kentucky, Lexington, Kentucky.

SOHL, NORMAN F., BS '49; MS '51; Ph.D. '54; Asst. '50-52; Instructor '53-54: Paleontologist, National Museum, Paleo-Stratigraphy Branch, Washington 25, D. C., or 2925 So. Dinwiddie, Arlington 6, Virginia.

SPENCER, CHARLES W., (AB '53 Colby); MS '55: Geologist, Mineral Deposits Branch, 5216 Interior Building, Washington 25, D. C. Charles is completing work on a Florida AEC project, and then will work in northern Maine, where he spent last summer, doing geologic mapping with Dave Larrabee.

STEWART, HERBERT G., JR., (BS '50 Kent State U.); Asst. '50-51: Geologist, Ground-Water Branch, 731 Sagamore Road, Lakeland, Florida. Herb is finishing the third year of a 6-year study of water resources in central Florida. Says he would give a gold-plated Estwing for a few outcrops!

U. S. Geological Survey (continued)

TITUS, FRANK B., JR., (BS '52 Redlands); UI '52-54: Geologist, Ground-Water Branch, Box 302, University Station, Albuquerque, New Mexico.

TOOKER, EDWIN W., (BS '47 Bates; MS '49 Lehigh); Ph.D. '52; Asst. '49-51; Ill. Clay Fellow '51-52; Nat. Sci. Post-Doctoral Fellow, '52-53: Geologist, 4 Homewood Place, Menlo Park, California, or 2951 Bryant Street, Palo Alto, California. Ed is in the Mineral Deposits Branch - Bingham Canyon, Utah, project.

WOOD, JOHN W., BS '52: Cartographer, Box 133, Rolla, Missouri.

Others

FIACCO, GUIDO J., BS '51: (Home address: 2725 Commercial Ave., Chicago Heights, Illinois). He is working in civil service for U.S. Air Force, Aeronautical Chart and Information Center, 2nd and Arsenal Streets, St. Louis 18, Missouri.

GARDNER, JACK W., (BS '34 Drury Coll; MA Missouri); UI '36-37; Asst. '36: U.S.N. Photo Interpretation, Navy Receiving Station, Washington 25, D. C. (Use for address: 1906 Carmody Drive, Silver Springs, Maryland).

GROVES, HENRY M., BS '52: Geologist, Missouri Geological Survey, 1809 Tower Rd., Rolla, Missouri.

MAXEY, JULIAN S., (BS '35; MS '40 Ohio State Univ.); UI '39: Geologist State Highway Testing and Res. Lab., Ohio State University campus, Columbus 10, Ohio. The Maxeys have 2 sons, Julian Dale (16) and Richard Melvin (10).

MEYERHOFF, HOWARD A., AB '20; (MS '22; Ph.D. '35 Columbia Univ.): Executive director, Scientific Manpower Commission, Washington, D. C., or 5417 Mohican Rd., Glen Echo Heights, Wash. 16, D. C. Was made a member of the Executive Reserve Office of Defense Mobilization, in October, 1956. The Meyerhoffs have acquired their first grandson, James Charles Meyerhoff, born in Havana, Cuba, October 10, 1956.

MOORE, ELMER G., AB '41; (MS '42 Vanderbilt): Senior Beach and Terrain Analyst, U.S. Navy, CNO, 2109 Sherwood Ct., Falls Church, Virginia. The Moores have 2 children, Carolyn (3 1/2) and Richard (1 1/2).

Others (continued)

PIERARD, LOUIS H. (BS '50, DePauw); UI '50-51: U. S. Soil Conservation Service, Champaign, Illinois, or 1605 W. White, Champaign.

REID, COURTLAND T., BS '40; MS '41 Geography: Supt., USDI, National Park Service, Guilford Courthouse Nat'l Military Park, Route 9, Box 327, Greensboro, North Carolina.

RICE, MRS CHARLES L., (Mary Hill, BS '44 Colorado); UI '45-46: Asst. Mining geologist, California State Division of Mines, Ferry Building, San Francisco 11, California, or 40 Lee St., Mill Valley, California.

ROTH, ROBERT S., (BA '47 Coe Coll.) MS '50; Ph.D. '51; Asst. '48-49; Nat'l Lead Fellow, '49-51: Physical chemist, Nat'l Bur. of Standards, Div. 9.3, Washington 25, D. C. Bought a new house at 13403 Dauphine Street, Silver Spring, Maryland.

SMITH, ROBERT C., BS '42: Asst. Chief, Ohio Division of Water, 1562 West First Ave., Columbus 12, Ohio.

Outside U. S.

BYRNE, PATRICK J. S., (BS '50, MS '51 U. of Alberta); Ph.D. '53; Nat. Lead Fellow, '51-53: Research Council of Alberta, University of Alberta, Edmonton, Alberta, Canada, or 11524 - 140th St. Pat visited the department during the clay conference meetings here last fall. Pat has accepted a job with The Carter Oil Company, Research Department, PO Box 801, Tulsa, Oklahoma and they will be moving to Tulsa on April 30. They sent news of their adoption of a daughter, Sheila Janet who was born on February 7, 1957.

BOOKER, FREDERICK W., (Ph.D. Sydney); Res. assoc. '55-56: Government geologist, New South Wales, and director of the Geological Survey, Dept. of Mines, Sydney, Australia, or Box 48, G.P.O., Sydney.

CARR, JOHN M., (Ph.D. Oxford); Visiting asst. prof. '54-55: Acting associate geologist, British Columbia Dept. of Mines, Victoria, British Columbia, or 1275 Maywood Road. A son, Nicholas, was born January 1956.

DIETZ, ROBERT S., BS '37; MS '39; Ph.D. '41; Asst. '39; Fellow '40: Oceanographer, Office of Naval Research, London Branch, ONRL, Box 39, FPO 100, N. Y., or Keysign House, 429 Oxford St., London.

Outside U. S. (continued)

GADD, NELSON R., (BS '46 U. West Ontario; MS '48 Laval Univ.); Ph.D. '55; Asst. '51; Fellow '52: Geologist, Pleistocene Section, Geological Survey of Canada, Ottawa, Ontario, Canada, or PO Box 95, City View, Ontario.

HO, CHUN SUN, (BS '39 Nat'l Central Univ.); UI '55-56: Staff geologist, Geological Survey of Taiwan (Formosa), or 1 Sect. 1 Kaifeng St., Taipei, Formosa, China.

IRISH, ERNEST J. W., (AB '39; MS '40 British Columbia); Ph.D. '49: Geologist,Geological Survey of Canada, Ottawa, Ontario, Canada, or 863 Kingemere Ave., Ottawa 3.

LI, LIEN-CHIEH, UI '41-42: National Geological Survey of China, Nanking, China.

OFTEDAHL, CHRISTOFFER, (Ph.D. Oslo); Visiting asst. prof. '50-51: Norges Geologiske, Undersokelse, Josefinesgate 34, Oslo, Norway.

SAMANIEGO, SISENANDO L., (BS '48 Philippines); UI '55-56: Geologist, Philippine Bureau of Mines, Manila, Philippines, or 12 A Georgia Malate, Manila.

SANTOS-YNIGO, LUIS M., (BS, EM Mapua Inst. Tech., Manila, '38) MS '39 Engineering: Geologist, Geol. Surv. Div., Philippine Bureau of Mines, Cebu City, Philippines. Candidate for Ph.D. from Stanford University.

SOVERI, URPU, Post-doctoral, '54-55: TVH, E. Esplanaadink 4, Helsinki, Finland.

VERA, ELPIDIO DE LA CRUZ, (BS U. Philippines); MS '53: Geologist, Philippine Bureau of Mines, 1050 Maria Cristina, Sampaloc, Manila, Philippines.

UNIVERSITIES AND COLLEGES

California, University of

PABST, ADOLF, AB '24 1/2; (Ph.D. '28 Calif.): Prof. of Mineralogy, Dept. of Geology, Berkeley 4, California. Prof. Pabst spent July 1955 to January 1956 as a Fulbright Scholar at the Mineralogical Institute of the University of Vienna. During his seven months abroad he also visited England, Germany, the Netherlands and Norway briefly and travelled in every province of Austria.

SHEPARD, FRANCIS P., (AB '19 Harvard; Ph.D. '22 Chicago); Staff '22-45: Professor of Submarine Geology, University of California, Scripps Inst. of Oceanography, LaJolla, California, or 7831 Amalfi Drive.

SILVERMAN, MAXWELL, (BS '49 Colo. Sch. Mines); MS '56; Asst. '49-51: Asst. Engineer, Scripps Inst. of Oceanography, PO Box 109, La Jolla, California. cUnderstand he is married.

WITHERSPOON, PAUL A., JR., (BS '41 Pittsburgh; MS '51 Kansas); Ph.D. '57: Professor of Petroleum Engineering, University of California, Mineral Technology Division, Berkeley, California. Paul was formerly head of the petroleum engineering division of the Illinois State Geological Survey, and a graduate student in the department working toward the Ph.D. He came to the Survey in 1951. Before coming to the Survey he was with the Phillips Petroleum Co. At the Survey he was outstanding in promoting the use of secondary recovery methods in Illinois for dry or failing oil wells.

Chicago, University of

JOHANNSEN, ALBERT, BS '94 Architectural Engr.; (BS '98 Utah; Ph.D. '03 Johns Hopkins): Prof. Emeritus, Chicago, Box 566, Winter Park, Florida. Dr. Johansen's newest book "PHIZ" came out in November. A grandson is now a freshman at Illinois. Dr. Johannsen visited the campus for a few hours in September.

MILLER, ROBERT L., AB '42; (Ph.D. '50 Chicago): Asst. Prof., Dept. of Geology, Chicago 37, Illinois. The Millers have 3 children.

Harvard University

KUMMEL, BERNHARD, (BS '41, MS '42 Wisconsin; Ph.D. '47 Columbia); Asst. and Assoc. Prof. '48-52: Assoc. Prof. of Geology, Museum of Comparative Zoology, Cambridge 38, Massachusetts.

Harvard University (continued)

SWARTZ, MRS. LAURA S. (Laura Sparks, BS '54 Antioch); Asst. '54-55: Asst. to Curator of Invertebrate Paleontology, Museum of Comparative Zoology, Cambridge 38, Massachusetts.

Illinois, University of

COLLINS, MRS. LORENCE G., (Barbara Jane Schenck, BS '51 Bates; MS '53 Smith); Ph.D. '55; Nat. Lead Fellow '53-55: Instructor, Second Semester, of the present year. Dept. of Geology, Urbana, Illinois or C-57, Stadium Terrace, Champaign, Illinois

DEWOLF, FRANK W., (BS '03 Chicago); Prof. and Dept. Head, '31-46: Emeritus, 601 W. Delaware, Urbana, Illinois.

DROSTE, JOHN B., BS '51; MS '53; Ph.D. '56; Asst. '51-54; Ill. Clay Prod. Fellow, '54-55; Asst. (full time) '55-56; Instructor '56-57: Instructor, Dept. of Geology, Urbana, Illinois or 1110 Briarcliff, Urbana.

SCHROTH, EUGENE H., BS '27; MS '36: Assistant Director, Allerton House, University of Illinois, Monticello, Illinois.

SCOTT, HAROLD W., AB '29; AM '31; (Ph.D. '34 Chicago), Staff, '37-present. Professor, Dept. of Geology, Urbana, Illinois or 613 West Delaware, Urbana.

Kansas, University of

BENSON, RICHARD H., (BS '51 Marshall Coll.); MS '53; Ph.D. '55; Shell Co. Fellow, '53-55: Assistant Prof., Dept. of Geology, Lawrence, Kansas, or 1704 W. 20th St. Terrace.

FOLEY, FRANK C., (BA '29 U. of Toronto; Ph.D. '38 Princeton): Res. Prof. '51-54: Director, State Geol. Survey and Prof. of Geology, State Geological Survey, Lawrence, Kansas.

ZELLER, EDWARD J., AB '46; (Ph.D. '51 Wisc.): Asst. Prof., Dept. of Geology, Lawrence, Kansas.

Nebraska, University of

FISHER, JAMES H., AB '43; BS '47; MS '49; Ph.D. '53; Asst. '47-48; Shell Fellow, '51-52; Instr., '52-53; Asst. Prof. '53-55: Asst. Prof., Dept. of Geology, Lincoln 8, Nebraska. A daughter, Jeanne Anne, was born March 2, 1956.

Nebraska, University of (continued)

THREET, RICHARD L., BS '47 (Chem.); AB '47; AM '49; (Ph.D. '52 Washington); Asst. '47-49: Asst. Prof., Dept. of Geol., Lincoln, Nebraska.

Southern Illinois University

AMOS, DEWEY H., (BS '49 Marietta); MA '50; Asst. '49-50: Instructor, Dept. of Geology, Carbondale, Illinois. Dewey is continuing work toward the Ph.D. in the department.

DUBAR, JULES R., (BS '48 Kent State; MS '50 Oregon State; Ph.D. '57 Kansas); UI '50-51. Jules completed his thesis on Neogene stratigraphy and paleoecology of So. Florida under R. C. Moore of Kansas and received the Ph.D., from Kansas University in February.

Texas A. & M. College

KOENIG, KARL J., BS '41; MS '46; Ph.D. '49; Asst. '45-48; Fellow '48-49: Associate Professor, College Station, Texas.

MC ALLISTER, RAYMOND F., JR., (BS '50 Cornell); MS '51; Asst. '50-51: Consulting Marine Geologist, Gulf Consultants, 313 Main Street, College Station, Texas. Ray is engaged in AEC research at A. & M., specifically, a study of the horizontal and vertical distribution of clay minerals in the south and west Mississippi Delta area.

Texas, University of

BOMKE, ROBERT A., BS '53: Training Specialist II, Petroleum Extension Service, Division of Extension, Austin, Texas, or RR 5, Box 325A, Austin. Bob produces 16 mm. color-sound motion pictures used by the Petroleum Extension Service in conjunction with its extension teaching in the oil industry. He and Mrs. Bomke have 4 children.

GRAY, JANE (AB '51 Radcliffe); Asst. '51-52; (Ph.D. '56 Calif.): Instructor, Dept. of Geology, Austin, Texas.

JONAS, EDWARD C., (BS '44 Rice Inst.); MS '52; Ph.D. '54: Assistant Professor, Department of Geology, Austin 12, Texas.

Tulsa, University of

HOPKINS, M. E., (BS '50; MS '51 Ark.): Assistant Professor, Department of Geology, Tulsa 4, Oklahoma. He expects to receive the Ph.D. from Illinois in June 1957.

MURRAY, ALBERT N., (BA '22; MS '24 Col.); Ph.D. '28; Asst. '26-27: Head, Department of Geology and Geography, Tulsa, Oklahoma, or 1211 S. College.

Museums

CLARK, JOHN, BS '31; (MS '32 Pittsburgh; Ph.D. '35 Princeton): Cleveland Museum, Natural History, Cleveland, Ohio.

ROY, SHARAT K., AB '22; MS '24; (Ph.D. '41 Chicago): Chief Curator of Geology, Chicago Natural History Museum, Chicago 5, Illinois.

Others

AGNEW, ALLEN F., AB '40; MS '42; (Ph.D. '49 Stanford): Associate Professor of Geology, University of South Dakota, Vermillion, South Dakota. Allen is working on the Tertiary sediments of South Dakota. He had a very enjoyable time renewing Illinois acquaintances at the GSA meeting in Minneapolis in November.

BEARD, C. NOBLE, (AB '35; AM '36 Ind.); Ph.D. '41; Asst. '36: Professor of Geology, Fresno State College, 4686 N. Arthur, Fresno, California.

BLACKWELDER, ELIOT, (AB '01; Ph.D. '14 Chicago); Professor and Head, '16-19: Professor of Geology, Emeritus, Stanford University, PO Box N, Stanford, California. Professor Blackwelder continues his work on the project of the Atlantic Union Committee, mentioned in last year's newsletter.

BORCHERT, JOHN R., (AB '41 DePauw; MA '46; Ph.D. '49 Wisc.); Asst. '41: Professor and Chairman, Department of Geography, University of Minnesota, Minneapolis, Minnesota.

BROWN, HENRY S., (AB '52 Berea); MS '54; Asst. '52-54: Assistant Professor and Head, Department of Geology and Geography, Berea College, Box 87, Berea, Kentucky.

Others (continued)

CHAPMAN, DONALD H., (AB '27; AM '28, Ph.D. '31 Mich.); Visiting Professor, S's '48, '49, '51, '54: Professor of Geology, University of New Hampshire, Durham, New Hampshire, or 116 Madbury Road, Durham. Doctor Chapman is in charge of elementary geology courses, teaching also physiography, glacial geology, meterology and climatology. The past summers have been spent in Europe. This summer he will be director of Comprehensive Student Tour to Europe, and plans to revisit Scandinavia independently with Mrs. Chapman in honor of their 25th wedding anniversary.

CHAPMAN, JOHN J., (BS '41; MS '48 Colo. Sch. Mines); Ph.D. '53; Asst. '51-53: Chairman, Division Natural Science and Head of Department of Geology, Southern State College, 1301 N. Washington Street, Magnolia, Arkansas - no other changes - less hair, more waist - same family!.

COFER, HARLAND E., JR., (BS '47; MS '48 Emory); UI '50-54: Department of Geology, Emory University, Emory University, Georgia. He is working on his Ph.D. dissertation at Illinois under Doctor Chapman.

CRAMER, HOWARD R., BS '49; MS '50; (Ph.D. '54 Northwestern); Asst. '49: Assistant Professor of Geology, Franklin-Marshall College, Lancaster, Pennsylvania. Howard spent last summer teaching in Pennsylvania and Montana.

CULVER, HAROLD E., (Ph.B. '10; Ph.M. '11 Wisc.; Ph.D. '23 Chicago); Lecturer, '19-20: Professor and Chairman, Emeritus, Department of Geology, State College of Washington, Pullman, Washington.

CYGAN, NORBERT E., BS '54; MS '56; Asst. '54-56: Instructor, Department of Geology, Ohio Wesleyan University, Delaware, Ohio.

DECKER, ROBERT W., (BS '49; MS '51 Mass. Inst. Tech.; D.Sc. '53 Colo. Sch. Mines); Assistant Professor '54: Assistant Professor, Department of Geology, Dartmouth College, Hanover, New Hampshire.

EKBLAW, SIDNEY E., AB '29; MS '30; (Ph.D. '34 Clark): Professor of Geography, and Chairman, Department of Geology and Geography, University of Kansas City, 5100 Rockhill Road, Kansas City 10, Missouri. Doctor Ekblaw took his wife and son, Keith, on a 7-week tour of Central and South America last summer; attended the International Geographical Union at Rio de Janeiro, August 9-18, and the International Geological Congress at Mexico City,

Others (continued)

September 4-7. Took a 16-day pre-convention tour up into the mining state of Minas Gerais on July 23-August 7. He has a new man to handle geology in his department, Dr. Eldon J. Parizek, a Ph.D. from the University of Iowa - department is growing.

EMERY, KENNETH O., BS '37; MS '39; Ph.D. '41; Fellow '39: Professor of Marine Geology, University of Southern California, Department of Geology, Los Angeles 7, California, or 17 Wide Loop Road, Rolling Hills, California. Ken is continuing work on submarine geology of southern California and origin of oil. He attended the International Geological Congress in Mexico City in September.

ETHEREDGE, FOREST D., (BS '51 VPI); MS '53; Asst. '51-52: Instructor, Wright Junior College, 3400 N. Austin, Chicago 34, Illinois, or 7406 N. Seeley Ave.

EVELAND, HARMON E., JR., BS '47; MS '48; Ph.D. '50; Asst. '47-48; Fellow '49-50: Professor and Head, Department of Geology, Lamar State College of Technology, Beaumont, Texas, or 4650 Baywood Lane. Ed's department is growing rapidly; 250 majors; planning to add a 6th staff member this year. They are in process of erecting a new building which they hope to occupy by fall.

FAIRBRIDGE, RHODES W., (D.Sc. '42 University of Western Australia); Visiting Associate Professor '53-54: Professor of Geology, Columbia University, New York 27, New York. Doctor Fairbridge attended the International Geological Congress in Mexico City in September and toured Mexico with much delight; served as chairman at some of the AAAS New York meeting sessions. During the coming summer he will assist in the University of Wyoming (joint with Columbia) summer field course.

GORE, DOROTHY JEAN (BS '48 The Principia); MS '52: Acting Head, Department of Geology, The Principia College, Elsah, Illinois. Dorothy was on the campus this spring attending the Conference of Illinois Colleges on Undergraduate Research. She returned to Principia last fall though she still has at least 2 or 3 summers of work on her Ph.D. thesis on a study of some metasomatic processes in granites from the University of Wisconsin.

GUTSCHICK, RAYMOND C., BS '38 in Engr. Phys.; MS '39; Ph.D. '42; Asst. '38-41; Instructor '42: Professor of Geology and Head of Department of Geology, University of Notre Dame, Notre Dame,

Others (continued)

Indiana. Ray attended the International Geological Congress in Mexico City. He teaches at Indiana University field camp in Montana during the summer.

HOLMES, LESLIE A., BS '26; MS '28; Ph.D. '42; Asst. '26-28: President, Northern Illinois State College, DeKalb, Illinois.

HUBBARD, GEORGE D., BS '96; MS '98; (AM '01 Harvard; Ph.D. '05 Cornell); Fellow '96; Asst. '98-1900: Professor of Geology and Geography Emeritus, Oberlin College, 279 Oak Street, Oberlin, Ohio. Professor Hubbard teaches an adult geology class of 7 1/2 couples, all grandfathers or mothers. He and Mrs. Hubbard were on the campus in June for the 60th reunion of his class.

IRVING, WILLIAM C., BS '47; MS '48; Asst. '48: Instructor, Idaho State College, Pocatello, Idaho, or 1347 East Clark Street.

JOHNS, WILLIAM D., (AB '47 Wooster); MS '51; Ph.D. '52; Asst. '47-49; API Sp. Res. Asst. '52-54; Asst. Prof. '54-55: Assistant Professor, Department of Geology, Washington University, St. Louis, Missouri, or 29 Rosemont, Webster Groves, 19, Missouri. Bill was on the campus last October attending the Clay Conference.

JOHNSON, ROBERT B., (AB '49; MS '50 Syracuse); Ph.D. '54; Fellow '50: Assistant Professor, Department of Geology, Purdue University, Lafayette, Indiana.

KESLING, ROBERT V., (AB '39 DePauw); MS '41; Ph.D. '49; Asst. '39-41; Fellow, '41-52; Asst. '46-47; Fellow '47-49: Associate Professor, Museum of Paleontology, University of Michigan, Ann Arbor, Michigan. Bob is teaching general paleontology and micropaleontology this semester. He is scoutmaster for the local Troop 7; boys are in the amateur hockey league; Amelia is busy with church school and start of Phi Mu sorority on the campus. He has some good students working on Paleozoic ostracods.

LACY, WILLARD C., (AB '38 DePauw); MS '40; (Ph.D. '50 Harvard); Asst. '39-40: Professor of Geology, University of Arizona, Tucson, Arizona, or 4034 E. Burns Street. Professor Lacy spent the summer of 1956 in Chile, Peru, Ecuador, Cuba, and Mexico.

MAC GREGOR, ROB ROY, (AB '36 Wesleyan); BS '40: Teaching Assistant, Geology Department, Wesleyan University, PO Box 89, Wesleyan Station, Middletown, Connecticut, or Box 37, Center Harbor,

Others (continued)

New Hampshire. He is working part-time as hydrologist, USGS, Ground-Water Branch, Middletown, Connecticut. He saw Dr. Chapman at the New England Intercollegiate Geology Field Conference at Portsmouth, New Hampshire in October 1956.

MEYER, ALFRED H., AB '21; AM '23; (Ph.D. '34 Michigan); Scholar '22-23: Professor and Head, Department of Geography and Geology, Valparaiso University, Valparaiso, Indiana.

MOORE, FRED E., (BS '48 Colo.; MS '50 St. Louis Univ.); Asst. '51: Instructor, Colorado School Mines, Department of Geology, Golden, Colorado. Fred started at Colorado this past September, having spent the previous two years at the University of Wyoming working on the Ph.D.; prelims are finished, and only the thesis stands in the way.

MULLER, ERNEST H., (BA '47 Wooster); MS '49; Ph.D. '52; Asst. '47-48; Fellow, '48: Assistant Professor, Department of Geology, Cornell University, Ithaca, New York. Ernie's primary interest, aside from family and teaching, is presently in investigation of glacial deposits in New York State and initially in Chautauqua County, western New York.

NELSON, BRUCE W., (BS '51 Harvard; MS '54 Penn State); Ph.D. '55; Ill. Clay Fellow, '53-55: Associate Professor, Department of Geology, Virginia Polytechnic Institute, Blacksburg, Virginia, or 211 Fairview Avenue. Bruce and Sally Vance Cole were married September 8, 1956. (Congratulations, Bruce, that's my birthday!). Bruce is directing research projects in recent sediment mineralogy sponsored by API and Chesapeake Corporation of Virginia.

OLIVER, WILLIAM A., JR., BS '48; (MS '50; Ph.D. '52 Cornell Univ.): Assistant Professor, Geology Department, Brown University, Providence, Rhode Island. A son, James Andres, was born July 2, 1956.

POOR, RUSSELL S., BS '23; MS '25; Ph.D. '27; Asst. '23-26: Provost, University of Florida, Gainesville, Florida, or 111 NW 26th Street.

QUINN, HOWARD E., (Ph.D. '32 Harvard); Asst. '21: Head, Department of Geology, Texas Western College, El Paso, Texas.

Others (continued)

SHARP, ROBERT P., (BS '34; MS '35 Calif. Inst. Tech., AM '36; Ph.D. '38 Harvard); Instructor '38-43: Chairman, Division of Geological Sciences, California Institute of Technology, Pasadena 4, California. Sharp reports he keeps busy trying to do some teaching, some administration, and some research, all of which constantly interfere one with the other and are further complicated by trying to keep his wife and two adopted children in line.

SUMMERSON, CHARLES H., BS '38, Honors; MS '40; Ph.D. '42; Asst. '38-42: Assistant Professor, Department of Geology, Ohio State University, Columbus 10, Ohio. Charles hopes to take a vacation trip to west coast this summer and will try to visit with some of the alumni along the way.

STEINMAYER, REINHARD A., BS '16 in Engineering: Head, Department of Geology, Tulane University, New Orleans 18, Louisiana, or 123 Nicholson Avenue, Waveland, Mississippi. Professor Steinmayer will retire from Tulane June 1, 1957 after completing 35 years of teaching service.

TREFETHEN, JOSEPH M., (AB '31 Colby); MS '32; (Ph.D. '35 Wisc.): State geologist, Maine, and Professor of Geology, University of Maine, Orono, Maine.

WALDO, ALLEN W., BA '27; MS '28; (Ph.D. '34 Harvard): Dean of Students, Stockton College, Stockton 27, California, or 3301 Kensington.

WEHRENBERG, JOHN P., (BS '50 Mo. Sch. Mines); MS '52; Ph.D. '56; Asst. '50-53; Nat. Sci. Fellow, '53-54: Assistant Professor, Department of Geology, Montana University, Missoula, Montana. Jack spent last summer in mountain climbing, summer teaching, some reconnaisance geology in the Bitterroot Mountains and also gave a paper at the Geological Congress in Mexico City. This fall he got an elk and a deer so his frozen food locker is full with enough meat to last about until next fall when the hunting season starts again. The department has grown to 5 staff members and 3 graduate assistants. They are looking for a sixth man, primarily a petrologist.

WILKERSON, ALBERT S., (AB '21 Cincinnati; AM '22 Wisc., Ph.D. '38 Mich.); Asst. '23-24: Associate Professor, Department of Geology, Rutgers University, New Brunswick, New Jersey.

WILLS, DONALD L., BS '49; MA '51 in Geography: Head, Department of Geology and Geography, Monmouth College, Monmouth, Illinois.

Outside the United States

CAROZZI, ALBERT (Ph.D. '48 Geneva); Visiting Asst. Prof. '55-56: Institut de Geologie de l'Universite, Palais d'Hygiene, Quai de l'Ecole de Medecine, Geneva, Switizerland, or 75 Bd. St. George, Geneva. Doctor Carozzi has accepted appointment to return to the department in September 1957.

DUNHAM, KINGSLEY C., (PH.D. '32 Durham); George A. Miller Visiting Professor, I Sem. '56-57: Professor of Geology and Head of Department of Geology, Science Laboratories, South Road, Durham, England, or Charleycroft, Quarryheads Lane, Durham.

GAGE, MAXWELL (D.Sc. '51 New Zealand); Visiting Asst. Prof., '52-53: Cantebury University College, Department of Geology, Christchurch, New Zealand.

HARRISON, JOHN V., (D.Sc. '31 Glasgow); Visiting Prof. '51-52: University Demonstrator, Department of Geology, University Museum, Oxford, England, or 59, Little London, Kennington, Oxford, England.

LIPPMANN, FRIEDRICH (Ph.D. '53 Gottingen); Post-doctoral fellow, '54-55: Staff member, University of Gottingen, Gottingen, Germany, or Lotzestr. 16-18, Gottingen.

MC DIVITT, JAMES F., (B.Sc. '49 U. of West Ontario); MS '51; Ph.D. '54: Department of Geology, University of Indonesia, Bandung, Indonesia, or Djl. Tjilaki 39. Besides teaching, Jim had an opportunity last summer to explore some of the eastern islands. He is giving 2 courses at two universities, as well as writing reports and sitting on committees. Jim hopes to bring his family home during the summer of 1957 for 3 months and perhaps visit Urbana.

NIYOGI, DIPANKAR (MS '49 U. Calcutta); MS '56: Department of Geology and Geophysics, Indian Institute of Technology, Kharagpur, India.

RHODES, FRANK H. T., (Ph.D. '50 Birmingham); Post-doctoral fellow '50; Visiting Lecturer, S's '51, '52, '54; Asst. Prof. '54-55; Assoc. Prof. '55-56: Professor, Department of Geology, Singleton Park, University College, Swansea, Wales.

SIDDHANTA, SUSHIL K., (B.Sc. '37 Rajshahi Coll.; M.Sc. '40 Calcutta Univ.); MS '56: Department of Chemistry, Indian Institute of Technology, Kharagpur, India.

Outside the United States (continued)

THOMPSON, HUGH R., (BA '50 Oxford); MS '52 in Geography; (MA '54 Oxford; Ph.D. '54 McGill): Lecturer in Geography, McMaster University, Hamilton, Ontario, Canada.

OCCUPATION UNKNOWN

ALLER, ALAN, BS '51: 665 S. Cochran, Los Angeles, California.

ALLEXAN, JOHN R., BS '49: 2465 Walce Drive, Pontiac, Michigan.

BARNARD, EVYN G., BS '44: RR 3, Erie, Illinois.

BEAN, WALTER, BS '51: 805 Karns, Eldorado, Illinois.

BERNSEN, JOEL, AB '42: 4180 Marine Drive, Chicago 40, Illinois.

BREMER, R.L., BS '40: 1915 E. Jarvis St., Milwaukee 11, Wisconsin.

BREUER, R. L., BS '51: 6920 N. 2nd St., Rockford, Illinois.

CAMMERON, ROBERT A., BS '50: 1835 Ford Parkway, St. Paul Minnesota.

CASCIO, BASIL J., BS '52: 911 Scottswood Road, Rockford, Illinois.

CHELOTTI, RICHARD M., BS '50: 4904 W. Cermak, Chicago 50, Illinois.

CORCORAN, ANDREW J., BS '40: 13828 Mansa Drive, Norwalk City, California.

CRAMER, RAYMOND A., JR., BS '50: 5105 Yorktown Blvd., Arlington, Virginia.

DAUGHERTY, ROBERT C., BS '53: 1415 Franklin Ave., Danville, Illinois.

DONLEY, WILLIAM H., BS '55: 1008 E. Clark Street, West Frankfort, Illinois.

DUMOND, LOUIS A., AB '48: 5359 W. Irving Park Blvd., Chicago, Illinois.

ERICKSON, W. T., BS '40: 321 N. Center Street, Clinton, Illinois.

FUNNEKOTTER, THEODORE, BS '50: 217 Focis Street, Metairie, Louisiana.

GERBERT, PHILLIP H., BS '53: Box 107, Seneca, Illinois.

GOODIN, JAMES E., BS '49: 2253 Monroe, Granite City, Illinois.

HAMMERBACKER, LAWRENCE J., BS '50: Address unknown.

HANSEL, EARL E., (AB '49 Marietta); Asst. '50: 403 Walnut St., Belpre, Ohio.

HARDEN, JON M., BS '56: 459 W. Canedy, Springfield, Illinois.

HEBENSTREIT, HAROLD R., BS '47: 839 Lake St., c/o D. Groudy, Oak Park, Illinois.

HEROLD, JAMES D., BS '49: 710 Caroline Street, Belleville, Illinois.

HISER, HOMER W., BS '51: Vergennes, Illinois.

HOLMQUIST, GEORGE V., BS '48: Gen. Del., Casper, Wyoming.

JACKSON, HOWARD O., JR., BS '51: 2914 Benvenue, Berkeley, California.

JARL, EDWARD L., AB '36: 1141 Judson Avenue, Evanston, Illinois.

JOHNSON, ARTHUR A., JR., AB '42: 2045 Chilles Avenue, Reno, Nevada.

KAYSSER, DONALD R., BS '55: 1716 W. 51st Street, Chicago 9, Illinois.

KERN, FRED, BS '48: 335 S. Monroe, Pittsfield, Illinois.

KINSEY, HALLADY M., ex '26: 720 Wainright Bldg., St. Louis, Missouri, or 6638 Vermont Ave.

KOCHINSKI, DONALD C., BS '53: Benld, Illinois.

KOKOSKA, MILTON F., BA '39; Asst. '42: Address unknown.

KRAGE, JOSEPH, AB '47: 2438 N. Oak Park Ave., Chicago 35, Illinois.

KRUEGER, ROBERT H., BS '52: 2324 W. 41st St., Chicago 9, Illinois.

KUNTZ, CHESTER H., AB '39: Laura, Illinois.

LAVINE, E. R., AB '48; MS '49 in Physics: 1162 S. Bundy Drive, Los Angeles 49, California.

LAWSON, HERBERT, AB '34: 105 W. First South, Mt. Olive, Illinois.

LEWIS, PAUL E., AB '40: Address unknown.

LIEBERMAN, ROBERT, BS '49: 97-10 62nd Drive, Rego Park 74, New York.

LITTLE, LOUIS T., BS '42: Address unknown.

LOHR, JAMES B., BS '50: 529 N. Claremont, Chicago 12, Illinois.

MC DONALD, ROBERT C., BS '43: 728 Clarence Ave., Oak Park, Illinois.

MC KENZIE, WILLIAM L., BS '50: 1700 Madison Avenue, Evansville 14, Indiana.

MATHY, LAMBERT J., BS '47: 118 S. I-OKA Ave., Mt. Prospect, Illinois.

MAURER, DONALD L., BS '56: 1414 Arthur Ave., Chicago 26, Illinois (May be in Army).

MESAROS, FRANK J., BS '53: 1000 S. Waiola, La Grange, Illinois.

MUELLER, JOHN E., BS '54: 2050 W. Farragut, Chicago 25, Illinois.

NEAR, IRVING, BS '49: 9928 S. Yates, Chicago 17, Illinois.

NICOLL, THOMAS H., BS '49: 4830 Van Buren St., (T.H.), Chicago, Illinois.

OSTERMEIER, SIMEON L., BS '28: Mechanicsburg, Illinois, or 650 E. 30th St., Eugene, Oregon.

PAGE, KENNETH G., BA '51: 3120 Santa Fe, No. 9 Santa Fe Arms, Corpus Christi, Texas.

PATZER, ROGER J., BS '52: 3935 N. Richmond, Chicago 18, Illinois.

PEASE, ROLLIN B., AB '31: 9102 S. Manzanar Ave., Downey, California.

PETERSON, JOHN E., BS '51: 530 S. Washington, Paxton, Illinois.

PINKLEY, GEORGE D., ex '24: 434 Bedell Bldg., San Antonio, Texas.

PLACZEK, GEORGE A., JR., BS '56: 235 Ann Street, East Lansing, Michigan.

RAPP, RICHARD K., BS '49: 1553 Riverside, Glendale, California.

REYNOLDS, ROBERT R., (BS '39 Chicago); MS '42: Address unknown.

RIDER, OSBORNE L., JR., BS '49: Phoenix, Maryland.

ROTTER, HAROLD A., BS '48: (MS '56 Oklahoma): Box 2061, Blvd. Sta., Norman, Oklahoma.

SAWYER, HAROLD O., ex '23: 1841 1/2 Thayer Ave., Los Angeles 25, California.

SCHNURR, PAUL, BS '51: Onarga, Illinois.

SEED, MANICE, AB '25: Address unknown.

SHEPPS, MRS. VINCENT CHESTER, Averill Brockelman, (AB '53 Smith); Asst. '53-54: 2374 Lititz Pike, Lancaster, Pennsylvania.

SHUMWAY, FREDERICK W., BS '18; (MS '24 New York Univ.): c/o N.C. Shumway, Jr., 4812 N. 7th St., Arlington 3, Virginia (home of his brother), or 1258 S. Michigan Ave., Chicago, Illinois.

SLESERS, AGRIS, BS '55: 1018 N. Drake Avenue, Chicago 51, Illinois.

SOLEY, EARL L., JR., BS '50: 908 S. Crest, Wheaton, Illinois.

STEENHAUSEN, JOHN R., BS '49: 214 Tampa House, Park Forest, Illinois.

STOCKWELL, HARVEY L., BS '40: 4146 N. Kilbourn, Chicago, Illinois.

SURRATT, ROBERT A., BS '50: 1609 Dial Court, Springfield, Illinois, or 3318 Gillham Rd., Kansas City 9, Missouri.

THURSTON, A. W., BS '22: Sugar Loaf Route, Boulder, Colorado.

TOM, GENE F., BS '46; MS '50: Corona, New Mexico.

TOVEY, HENRY A., BS '48: 419 Kelly, Westville, Illinois.

VACTOR, HOWARD S., AB '48: 15810 Van Aken Blvd., Shaker Heights 20, Ohio.

VAN MALE, WARREN C., BS '34: 2102 Eshcol, Zion, Illinois.

WALLACE, WILLIAM H., BS '48: Address unknown.

WATKINS, BYRON K., BS '49: 310 Grant Avenue, Findlay, Illinois.

WATSON, ROBERT, JR., BS '49: 35 East 1st Street, Hinsdale, Illinois.

WEBER, CARLETON W., BS '57: 51 Timon Street, Buffalo, New York.

WILSON, CHARLES G., BS '48: Rt. 5, Muncie, Indiana.

WILSON, JOHN J., AB '56: 105 13th Avenue J., Chicago 17, Illinois.

WILSON, ROGER L., BS '55; MS '57; Asst. '55-56: 1730 W. 105th St., Chicago, Illinois. Roger taught at Southern Illinois University the first semester of this year. He and his wife are now in California. Roger is planning to go into law school there.

WOOD, ARTHUR, JR., AB '43: 2904 Franklin, LaCrecenta, California.

WOOD, JOHN A., BS '56: RR 4, McLeansboro, Illinois.

WRATH, WILLIAM F., BS '35; MS '36; Asst. '36: 612 S. Flower St., Los Angeles, California.

YOLTON, JAMES S., (AB '40 Augustana; MS '43 Utah St. Agr. Coll.); Asst. '49-50: Address unknown.

OFFICE

BROADDUS, MRS. OLENE B., '53-54: 318 No. "G" Street, Duncan, Oklahoma. A son, Mark Steven, was born April 12, 1956.

CHAPMAN, MRS. CARLETON A. (Thelma Chapman, AB '33); '28-40: 207 W. Indiana, Urbana, Illinois. Thelma is President of League of Women Voters.

HARDY, MRS ROZELLA, '53-56: RR #3, Champaign, Illinois. Rozella and Dick have a son, Charles Edward, born August 21, 1956.

HOLLANDBECK, MRS. BONNIE, '50-53: 2601 Foxhall Drive, Lafayette, Indiana. Rich and Bonnie have 2 children, Jack (3 1/2) and Nancy (2). Rich is teaching at Purdue and travels a lot in extension work.

HUBER, MRS. JUNE, '52: 2246 Grant Street, Bettendorf, Iowa.

KRATZ, MRS. MURIEL, '48-51: 2441 State, Granite City, Illinois.

MILLICAN, MRS. MARTHA, '54-55: 1301 E. 16th St., Sterling, Illinois. Arlo works for The Daily Gazette in Sterling. Last fall Martha, Arlo and Terry visited the department on their way home from vacation.

SIMPSON, MRS. PAT, '52-53: 2039 W. Coil, Indianapolis, Indiana. Her husband, Don, works for Shell Oil Company - Design Department, Products Pipeline.

SPOTTI, MRS HELEN, '40-41: Box 98, Mallory, West Virginia.

ACKNOWLEDGMENT

Once again I am deeply grateful for the support of the alumni in submitting information for the annual newsletter. An excellent record was established last year in that only about a dozen newsletters were returned marked "unknown" or "moved - left no forwarding address".

I had hoped that this would be in the mails before the St. Louis meeting, but as I write this, it looks impossible, with the meetings only a week away. Anyhow thanks again for your wonderful support.

Sincerely yours,

Rosa M. Nickell

Rosa M. Nickell
Secretary

TENTH
ANNUAL NEWSLETTER

DEPARTMENT OF GEOLOGY
University of Illinois
Urbana

1958

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August 1958

To the Alumni of the Department of Geology:

This is the 10th Annual Newsletter Miss Nickell has compiled and edited. I know you will join me in special appreciation to her.

It now appears Geology is to find space relief by moving from Natural History in two years or so. Davenport Hall ("Old Ag") is assigned to Geology when Agronomy and the other agricultural work moves to the Plant Science Building for the College of Agriculture, which is now in advanced planning stage. This will give us 2 1/2 times the space we now have, will give us a favorable central campus location, and will at last bring to an end the desperate over-crowding we have long suffered.

Altho this year there were fewer job openings and more highly selective appointments, all of our masters who decided not to go on for further study have positions and all of the 17 Ph.D.'s are in positions of importance and future promise. With very few exceptions our students had summer jobs. The cooperation of our friends and alumni in academic, survey, research and industrial organizations was particularly noteworthy this year in providing employment for our students.

The trend toward graduate work by almost all bachelors continues. Our bachelors go to graduate schools thruout the country and often with the support of fellowships or assistantships. Our graduate group continues to increase. These men come from almost 60 different colleges and universities in various parts of the world.

We have been able to appoint for next year 18 fellows and 33 assistants at stipends ranging from $1500 to $3000. We are grateful to the various organizations which have made these appointments possible.

The removal this year to the Biology Building of the biological part of the Natural History Library will enable us to get all of our geology books together in the Natural History Library quarters as one of the largest geology libraries of the country.

You will note in the Newsletter the description of the "unrestricted grants" from the Ohio Oil Company and the California Company. These have been very welcome and most useful. We used the money for support of student field work by appointing nine men to summer field fellowships.

The department maintains a collection of publications of staff, students, former staff members and alumni. Please put us on your list to receive copies of your publications, reports, bulletins, etc.

The Alumni luncheon at the GSA meeting at St. Louis in November promises to be very well attended. I hope we may see many of you there.

Sincerely yours,

Geo. W. White

George W. White
Head of the Department

GEOLOGY STAFF, 1957-58

Senior Staff:

G. W. White, professor and head of department
A. V. Carozzi, associate professor
C. A. Chapman, professor
D. U. Deere, professor
R. E. Grim, research professor
A. F. Hagner, professor
D. M. Henderson, associate professor
J. L. Hough, professor
F. L. Koucky, assistant professor
G. L. Kulbicki, research associate
G. B. Maxey, professor
W. M. Merrill, associate professor
H. W. Scott, professor
P. R. Shaffer, professor
Isles Strachan, visiting lecturer
H. R. Wanless, professor

Fellows:

University of Illinois:

Jean-Pierre Vernet, UI Postdoctoral, (Ph.D. Lausanne U.)
Marion E. Bickford, (BA '54 Carleton)
Russel A. Peppers, (BS '57 Illinois)
Billy R. Toy, (BA '57 Berea)
John E. Wainwright, (BS '56 Dayton; MS '57 Illinois)
Valentine E. Zadnik, (BA '57 Western Reserve)

Illinois Clay Products Company:

Rodney T. Tettenhorst, (BS '55, MS '57 Washington Univ.)
F. Michael Wahl, (BA '53 DePauw ; MS '58 Illinois)

National Lead Company:

Herman E. Roberson, (BS '55, MS '57 Texas)

National Science Foundation:

Richard A. Yund, (BS '57 Illinois)

Shell Company:

Lorence G. Collins, (BS '53, MS '55 Illinois)

Junior Staff:

Donald L. Ballmann, (AB '54 St. Joseph's; BS '55, MS '56 Illinois)
James D. Carl, (BS '57 Missouri School of Mines)
Earl A. Christiansen, (BS '52, MS '56 Saskatchewan)
Robert B. Christy, (BA '56 Wooster; MS '58 Illinois)
Fred W. Cropp, (BA '54 Wooster; MS '56 Illinois)
J. Kerby Eccles, (BS '51 Manitoba; MS '54 Washington State)
Robert B. Ellwood, (B.Sc. '55 Manchester)
Richard A. Gilman, (BA '57 Dartmouth)
Albert L. Guber, (BS '57 Pittsburgh)
Frank R. Karner, (BS '57 Wheaton)
Donald W. Lane, (BA '56 Dartmouth; MS '58 Illinois)
Walter R. Lundwall, (BS '55 Bowling Green)
Jackie D. McGregor, (BS '55 Illinois)
William J. Metzger, (BS '57 Beloit)

John E. Moore, (BA '53 Ohio Wesleyan)
David C. Morrill, (BA '56 Boston Univ.)
Robert L. Niemann, (BS '57 Nebraska)
Norman J. Page, (BA '57 Oxford)
Mark Rich, (AB '54 UCLA; MA '56 U.S.C.)
Elliott A. Riggs, (BS '51 Wisconsin)
John R. Rogers, (BA '57 Baylor)
Michael C. Schneider, (BA '52 Cornell; MS '56 Miami Univ.)
John S. Scott, (BS '53 McMaster Univ.)
Thomas K. Searight, (AB '51; MA '52 Missouri)
William D. Sevon, (BA '55 Ohio Wesleyan; MA '58 South Dakota)
John E. Stone, (BA '53 Ohio Wesleyan)
J. Cotter Tharin, (BS '54 St. Joseph's; MS '58 Illinois)
Robert L. Walpole, (BA '56 Toronto)
David K. Webb, (BS '57 Ohio University)
Daniel F. Weill, (BA '56 Cornell Univ.)
Ronald Wertman, (BA '56 Lehigh; MS '58 Illinois)

Office:

Rosa M. Nickell, Secretary
Ruby D. Hart, Clerk-Typist
Karen "Penny" Kopecky, Clerk-Typist

NEW APPOINTMENTS FOR 1958-59

DR. DEREK VICTOR AGER, lecturer, Imperial College, London, will join our staff in September as visiting lecturer in our program of annual overseas visitors. Doctor Ager will teach our course in paleontology and related subjects. Dr. Ager has studied geology in France, Italy, Austria, Germany, Turkey and India. He is a member of the Paleontological Society and a fellow of the Geological Society of London.

Dr. and Mrs. Ager and daughter will live at 300 South Goodwin while they are in Urbana.

FREDERICK W. CROPP received his BA degree from Wooster in 1954. Shortly thereafter he joined the junior staff of the department and served as half-time assistant to Doctor Hough in editorial work on The Journal of Sedimentary Petrology. Fred received his MS degree in June 1956 and will receive the Ph.D. degree in October 1958. He was appointed Instructor, September 1, 1958, and will serve as laboratory coordinator of the beginning courses, and teach one section of physical geology. In addition to his editorial work he has taught the lecture course in historical geology. At the American Institute of Biological Sciences held in Bloomington, Indiana, August, 1958, he gave a paper before the Paleobotanical Section on "Preliminary data on the small spore distribution from Pennsylvanian coals of Tennessee".

FLOYD MICHAEL WAHL received his BA degree from DePauw University in 1953. He planned to begin graduate work here immediately but Uncle Sam had another idea, so he was not able to start until September 1955. He served as half-time assistant until September 1957 and was then granted an Illinois Clay Products Company fellowship. He received the MS degree in 1957 and will complete all work for the Ph.D. by October 1958. He will take charge of the undergraduate mineralogy courses during Doctor Henderson's absence.

NEWS OF SENIOR STAFF MEMBERS

DR. ALBERT CAROZZI. As reported last year, Doctor Carozzi returned to our staff on a permanent basis in September 1957. Aside from a bout with the mumps! he was kept busy teaching structural geology, historical geology and Alpine tectonics. He served very ably as departmental chairman of the Geology Colloquium during the year.

At the GSA meetings in Atlantic City he presented a paper on "Micro-Mechanisms of Sedimentation in Epicontinental Environment", and reported jointly with Prof. J. E. Sanders of Yale University on "Flysch and Molasse".

Those of you who read your Illinois Alumni News, June 1958, will see that he arrives for his 8 o'clock class with a big smile.

Along with Doctors Grim and Kulbicki he was awarded a Penrose grant from the GSA for a research project on the clays of the Great Salt Lakes. He and Kulbicki spent several weeks collecting samples during the month of June, before he took off for the rest of the summer on research work in Alberta.

Dr. Carozzi will be one of the lecturers in the AAPG Distinguished Lecture Series for the year 1958-59; no doubt many of you will have an opportunity to greet him then.

The Carozzis, Al, Marguerite, Vivian and Nadine Barbara (born May 5, 1958) live at 1110 Briarcliff, Urbana.

DR. CARLETON A. CHAPMAN and family again spent the summer in Maine where he continued his geological work on the structure and petrology of the granites and gabbros of Mount Desert Island and vicinity. Several graduate students are associated with him in his studies there.

DR. FRANK L. KOUCKY (MS '53, Ph.D. '56, Univ. of Chicago) of The Montana School of Mines accepted a joint appointment as assistant professor in the Department of Geology (1/4 time) and in the Division of General Studies (3/4 time) beginning September 1, 1957. He directed our summer field camp at Sheridan this summer.

DR. DON U. DEERE, who holds a joint appointment as professor of geology and civil engineering, continued to teach his various courses in the two departments, while making flying leaps from one country to another on studies in engineering geology of various large projects. He and Dr. Shaffer have a joint grant from the University Research Board for studies on use of engineering properties of glacial materials for characterization and correlation. John Stone is associated with this project as research assistant.

DR. RALPH E. GRIM. Around the world twice in eight months - that's Doctor Grim for you. He was on leave of absence during the second semester 1957-58 during which he spent two months on geological work and lecturing in the Near East, Hong Kong, Japan and elsewhere. Shortly after returning to Urbana in mid-semester (he had to return for some Ph.D. exams) he and Mrs. Grim left by air for New York, London, Rome and Africa and on around the world by way of Australia, Honolulu and home. Doctor Grim gave several lectures in Africa, Australia and New Zealand. While in Australia he visited with our good friend, Dr. Booker.

At the GSA meetings last November, Doctor Grim was elected vice president of the Mineralogical Society of America.

Doctor Grim's book "Clay Mineralogy" has been translated into Russian, permission not requested, and presumably is being used as a textbook in that country. His "royalties" must be spent in Russia.

During a series of Civil Engineering Lectures given on the campus this spring, Doctor Grim spoke on "Recent Developments in Clay Mineralogy".

He and Mrs. Grim spent a 2-week vacation during June, 1958 touring the New England States. He participated in the lecture program of the Summer Institute in Geology for College Teachers directed by Doctors Hagner and Henderson.

Dr. Grim took part in the 1957 Career Conference held on the campus in November 1957.

DR. ARTHUR F. HAGNER spent last summer as co-director of the Summer Institute, after which he inspected thesis work of graduate students in the Adirondacks. He again helped with the Institute, summer 1958.

He attended the GSA meetings in Atlantic City last November, and he and Doctor Henderson reported on the "First Summer Institute in Geology, 1957".

Dr. DONALD M. HENDERSON has recently been elected Fellow of GSA; appointed member to the Educational Committee of Geochemical Society; nominated for President of Association of Geology Teachers; and awarded a Guggenheim Fellowship for 1958-59. He will be on leave for the coming year and will leave in August, with his family, for Swansea, Wales, where he will be associated with Frank H. T. Rhodes, in making a detailed study of a series of sedimentary rocks.

As reported in the last Newsletter the Department of Geology was selected by the National Science Foundation to conduct the nation's first Summer Institute in Geology for College Teachers. Doctor Henderson, together with Dr. A. F. Hagner directed the Institute. It proved so successful that the NSF granted an unprecedented renewal of their support for the second Institute to be held during the summer of 1958.

DR. JACK HOUGH continues as editor of the Journal of Sedimentary Petrology, quarterly of the Society of Economic Paleontologists and Mineralogists.

Dr. Hough attended the AAPG, SEPM meetings in Los Angeles in March, 1958, the Friends of the Pleistocene field conference in North Dakota in May, 1958, and the Michigan Basin field conference in Northern Michigan in June, 1958. During the summer he was associated with the Great Lakes Research Institute of the University of Michigan.

Plans are underway for the revision and reactivation of his field course in the Baraboo, Wisconsin area. A week's tour of type localities and other points of interest in Wisconsin and northern Michigan will be added to the course.

A monograph on "Geology of the Great Lakes" is scheduled for publication in November by the University of Illinois Press. This will be the first complete revision of the history of the Great Lakes in more than 40 years.

MRS. AUDREY IVERSEN joined the Library staff in October 1957 as Geology Librarian in the Natural History Library. She received her AB and MS degrees from the University of Minnesota. Previous to joining the UI staff she served for a year and a half as Medical Librarian at the University of Minnesota Medical School.

Last fall she spent about half time working at the Main Library checking geology holdings with the card catalogue and assembled a card catalogue of the geology books. As soon as the new Biology Building is completed, probably next January, all geological publications will be brought together in the Natural History Building. When all are moved we should have around 36,000 volumes on geology. (It may be noted that the Library of the Illinois Survey is also available to us). Mrs. Iverson is doing a tremendous job in assembling information on geological publications and in helping us find and fill gaps.

DR. GEORGES LOUIS KULBICKI, on a 2-year leave from the University of Toulouse in France, came here in September 1955 to work with Doctor Grim in clay mineralogy. He was appointed research associate in September 1957 to continue their joint investigations for one more year. Doctor Kulbicki is the author of many geological publications and he and Doctor Grim are in the process of publishing on their joint findings.

DR. GEORGE B. MAXEY, who holds a joint appointment as professor of geology and head of the Groundwater Geology and Geophysical Exploration Section, Illinois State Geological Survey, was elected vice president of the Commission for Groundwater of the International Union of Geodosy and Geophysics.

WILLIAM M. MERRILL was director of the Summer Field Camp at Sheridan during the summer of 1957. He was in charge of alumni luncheons at the GSA and AAPG meetings in Atlantic City and in Los Angeles.

During the summer he worked in Alberta on the Mesozoic-Cenozoic boundary problem for the Alberta Research Council.

Doctor Merrill has recently accepted a position as professor and head of the Department of Geology at Syracuse University starting in September 1958. Our best wishes go to Dr. Merrill as he takes up his very important new position.

ROSA M. NICKELL received a certificate and service pin from the University Board of Trustees in appreciation and recognition of 25 years of service to the University. These were presented in a "Twenty-Five Year Recognition Ceremony" held at the Illini Union December 4, 1957. (Note by G.W.W.: She is an officer in the National Secretaries Association and attended the National Meeting in Minneapolis. She attended the AAPG meeting at St. Louis as those of you know who were there. She will also attend the November GSA meeting. She is arranging to attend the 1960 International Congress in Copenhagen and will help organize the Illinois Luncheon (or Dinner?) at that meeting).

HAROLD W. SCOTT served as chairman of the College Policy Committee of LAS for the third year.

Professor Scott and Mrs. Scott attended the AAPG meetings in Los Angeles in March and enjoyed meeting many alumni.

His work on the Ostracod Volume of the Treatise on Invertebrate Paleontology continues and he hopes to complete his portion by 1959. Research on Pakistan petroleum problems continues; this is a major petroleum undertaking. He has been elected a member of the Board of Directors of a chemical company dealing with various "geologicals". Between the Policy Committee, Pakistan, Africa, and the Ostracod Treatise, teaching, and research, he manages to keep busy.

DR. PAUL R. SHAFFER has been appointed for a three-year term, 1957-60 on the University's Coordinating Placement Council.

The short course in geology, hydrology and water chemistry held last year was so successful that it was repeated again in January 1958. Dr. Shaffer was instructor in the geology part of the program.

Doctor Shaffer is co-author of Rocks and Minerals, a handbook of 160 pages, including full color illustrations of over 400 specimens of rocks, minerals, and gems, plus diagrams, maps and suggestions for amateur activities.

He continues his research on glacial study of northwestern Illinois and was in the field there much of the summer.

DR. ISLES STRACHAN, lecturer in geology, The University, Birmingham, served as visiting lecturer for the year 1957-58. He taught a section of historical geology and our course in paleontology and related subjects on which he is an authority. During the year he attended the GSA meetings in Atlantic City, and accompanied Doctor Wanless, Dr. White and Dr. Shaffer on some of their field trips in Illinois. He returned to Britain in June and he and Mrs. Strachan spent the summer in Scotland.

DR. GEORGE W. WHITE was invited to address the Midwest Groundwater Conference at the University of Kansas, December 5, 1957. He discussed "Presentation of Groundwater Information to the Public" at a dinner meeting. Representatives of all midwestern states were present to consider current problems and work in the geology, engineering, and chemistry of groundwater resources.

Doctor White continues as chairman of the LAS Building Committee and as a member of the University Building Committee. He will have something to report on building prospects in his letter to the Alumni.

Doctor White attended the GSA meetings and, in cooperation with Prof. Albert E. Vatter, UI chemical engineer, and Prof. John B. Droste, now at the University of Indiana, presented a paper on "Electron Micrography of Tills".

In late July and early August he visited the department Field Camp in Wyoming and then Ph.D. thesis students working under his direction in Alberta, Saskatchewan and South Dakota. In South Dakota he was accompanied by Dr. Allen F. Agnew (AB '40, MS '42 (Ph.D. '49 Stanford), State Geologist and Professor of Geology at the University of South Dakota to central South Dakota. Transportation was by Survey chartered plane and then by Survey jeep in the Little Badlands.

Dr. White continues to work on glacial geology of the Allegheny Plateau for the Groundwater Division of the U.S. Geological Survey and his work on constitution of tills supported by NSF grant. He was able to spend most of June in the field in Ohio and later to make some progress in report writing.

DR. HAROLD R. WANLESS attended the GSA meetings in Atlantic City last November and reported on "Thin-section petrology of the Lower Kinkaid limestone, Upper Mississippian, Illinois, and Kentucky" and "Environmental Mapping of the St. David Cyclothem, Eastern and Western Interior Coal Basins" research done in cooperation with Donald E. Hutcheson and Donald Gednetz, graduate students.

Shortly thereafter, he conducted two invited seminars in regional pattern of distribution of Pennsylvanian rocks for the Shell Research Laboratories in Houston.

Doctor Wanless will have the opportunity, while on leave for the

year, to test theories he advanced 20 years ago when he spends about 9 months in Australia on a senior Fulbright Research Fellowship. He will study Australian coal measures and Carboniferous rocks including numerous records of ancient glaciation in hopes of achieving better understanding of sedimentation of North American coal measures. He also will present a dozen lectures at the University of Sydney and before learned societies in Australia.

Doctor Wanless, Mrs. Wanless and Hal left in June for San Francisco, where they sailed on the Orient Line, "Orcades", and arrived in Sydney on July 4, in the middle of winter. On the way they stopped at Hawaii, Fiji, and New Zealand. Before returning home they plan to tour Europe for two months during the summer.

Professor Wanless hopes to visit the Great Barrier Reef of Australia and fly to South Africa for additional study before returning to the campus.

While in Australia the Wanlesses will stay in the home of Prof. Raymond Dodds, who will be at the University of Illinois with the department of Political Science during 1958-59. The Dodds will live in the Wanless home in Urbana. Mail will reach Doctor Wanless c/o Department of Geology, University of Sydney, Syndey, NSW, Australia.

PUBLIC LECTURES SPONSORED BY DEPARTMENT

The department brought 7 distinguished geologists to the campus for one or more lectures. Four of these were sponsored jointly by the department and the Illinois State Geological Survey, as part of the American Association of Petroleum Geologists distinguished lecture series in which we are fortunately able to participate thru an annual grant from the University Lectures Committee. The other lectures were provided thru departmental funds.

Dr. L. T. Tison, Secretary, International Association of Hydrology, University of Ghent, Belgium, "Erosion by Rivers" - Sept. 23, 1957.

Dr. Warren O. Thompson, University of Colorado, "Ancient Beaches in the Search for Oil" - Nov. 13, 1957.

Dr. Martin G. Rutten, Professor of Geology, University of Utrecht, Holland, "Holland, A Country Below Sea-Level" - Dec. 6, 1957.

Dr. A. I. Levorsen, consulting geologist, Tulsa, Oklahoma "Some Regional Applications of Paleo-geology" - Jan. 10, 1957.

Dr. Aurele La Rocque, Professor of Geology, Ohio State University, "History of a Tertiary Lake" and "Bernard Palissy and Geology" - Feb. 17, 1958.

Dr. Tjeerd H. van Andel, Scripps Institution of Oceanography, "Application of Recent Sediment Studies to the Interpretation of Ancient Deposits" - April 30, 1958.

Dr. H. A. Ireland, Professor of Geology, University of Kansas. "Geopolitics and Oil Development in the Middle East" - April 11, 1958.

ALUMNI LUNCHEONS

The luncheons of the alumni at national meetings are always well attended. The next will be on Friday noon, November 7 at the GSA meeting in St. Louis.

XXI International Geological Congress, Copenhagen, Denmark, August 15-25, 1960.

An Alumni Luncheon (or Dinner?) will be arranged during the Congress. Let us keep this in mind, and see if we can't have a large group in attendance. This will be an unusual opportunity to meet our alumni and former staff members from overseas whom we may not have seen recently. --Please take note--
Harrison, Dunham, Rhodes, Strachan, Gage, Lippmann, Soveri, Oftedahl, Booker, Vernet, Rouge, Kulbicki, Vera, Niogi, Siddhanta, Ho, Aye, etc., etc., etc.
PS: I hope to be there! More about this later.

American Association of Petroleum Geologists, April 1-4, 1957, St. Louis. The alumni luncheon was arranged by Doctor Merrill and the following alumni and staff attended:

Tin Aye
Jack Baker
Donald Ballmann
E. T. Benson
Richard S. Boardman
Shirley Bell Boxley
W. F. Bradley
George V. Cohee
Bob Christy
Howard Cramer
Fred Cropp
Clarence V. Crow
J. A. Culbertson
Norbert E. Cygan
James W. Dean
C. R. Dellenback
Frank W. DeWolf
Robert Doehler
Roy M. Dooley
George J. Elliott
Rhodes W. Fairbridge
Frank C. Foley
Harold J. Gluskoter
Ralph E. Grim
Stuart Grossman
Henry M. Groves
Carl L. Grubb
Raymond Gutschick
Arthur F. Hagner
J. E. Hammack
Bill G. Harmon
Wilson G. Harris, Jr.
David M. Heinz
Don M. Henderson
Jack Henton
George D. Hockman
M. E. Hopkins
C. J. Harvey
Jack L. Hough
William Johns
Edward Jonas
Robert L. Kite
Muriel Kratz
Virgil J. Kennedy
M. M. Leighton
James E. Lewark
Fred Major
Perry S. McClure
Howard A. Meyerhoff
William M. Merrill
Mr. & Mrs. Haydn Murray
Jean M. Moore
Rosa M. Nickell
S. I. Phillips
G. J. Petsoff
R. J. Powers
Harold W. Scott
Robert Sitler
John E. Thomas
Henry N. Toler
Joe Vercellino
Oscar E. Wagner, Jr.
Harold R. Wanless
Mike Wahl
Ronald L. Wertman
George W. White
W. Arthur White
Mr. & Mrs. John Winslow
Philip P. Wilcott

The 1958 meeting was held in Los Angeles March 10-13, 1958 at which the following alumni and staff attended: A writeup, together with pictures, appeared in the July 1958 issue of the ILLINOIS ALUMNI NEWS.

Edwin F. Bushman
George V. Cohee
Andrew J. Corcoran
Robert J. Cordell
Howard R. Cramer
Martin J. Deuth
Dale C. Finley
Frank C. Foley
James H. Garrett
William W. Hay
Darrell N. Helmuth
Lois S. Herring
Jack L. Hough
Robert C. Honea
Mrs. Robert C. Honea
J. Rex McGehee
William M. Merrill
Haydn H. Murray
Carl F. Pampe
Paul J. Regorz
Harold W. Scott
Mrs. Harold W. Scott
Edwin A. Welge
Paul A. Witherspoon

Geological Society of America, November 1957, Atlantic City. Alumni and staff members present were:

William Back
James W. Baxter
Arnold L. Brokaw
Albert Carozzi
Robert Christy
George Cohee
Howard Cramer
Fred Cropp
Robert W. Decker
George Dickie
John Droste
John A. Harrison
John C. Hathaway
R. W. Karpinski
Arnold Mason
Mrs. Arnold Mason
George B. Maxey
William M. Merrill
Jurg W. Meyer
Howard A. Meyerhoff
Sophia Meyerhoff
Ernest H. Muller
Haydn H. Murray
Edmond G. Otton
Lucile F. Otton
Richard R. Parizek
Sam H. Patterson
Wayne A. Pryor
James M. Schopf
Leonard G. Schultz
Paul R. Shaffer
Jack A. Simon
Paul K. Sims
Robert Sitler
Gordon Smale
Tom Smoot
Isles Strachan
Harold R. Wanless
Wilford F. Weeks
E. L. Weinberg
George W. White
George M. Wilson
Arthur J. Zeizell

It is hoped that we will have a good attendance at the next GSA meeting in St. Louis in November. You will be contacted early this fall.

SUMMER ACTIVITIES

Geology Teachers Institute, sponsored by the National Science Foundation.

In 1957 the Department of Geology was selected by the National Science Foundation to conduct the nation's first Summer Institute in Geology for College Teachers. Professors Henderson, Hagner and Garrels of Harvard were in charge, assisted by Lorence G. Collins and Richard A. Yund, UI graduate students. The program was so successful that the NSF granted an unprecedented renewal of their support for the second Institute to be held during the summer of 1958. The staff was the same except R. B. Graf replaced Mr. Yund. Twenty-six teachers from thruout the nation attended.

Field Camp

For the fourth successive summer our field work was held at Sheridan, Wyoming, using the facilities of Northern Wyoming Community College. This year Dr. Frank Koucky was in charge, assisted by James H. Fisher, Michigan State University; Charles B. Moke, College of Wooster; R. W. Chapman, Trinity College; Norbert E. Cygan, Ohio Wesleyan, and graduate assistants Fred Cropp and Robert Niemann. Forty-four students attended from Illinois, Ohio Wesleyan, University of Massachusetts, Cornell and Augustana. Four Illinois students had aid from California Company Field Scholarships from an unrestricted grant to the Department.

Field Research

During the summer of 1958, 38 graduate students were working on field programs in 15 states and 2 Canadian provinces. The work of most was supported by the USGS, Canadian Geological Survey, state geological surveys, and research grant projects of staff members. One had a University summer fellowship and 5 had grants-in-aid in the form of Ohio Oil Company Summer Field Fellowships in Geology (an unrestricted grant to the Department of Geology).

SUMMARY OF ORIGIN OF GRADUATE

STUDENTS IN GEOLOGY, I SEMESTER, 1957-58

Number of Graduate students	81	Number of Colleges represented by Bachelors' degrees	48
With MS or equivalent	38		
Passed Ph. D. prelim.	18	Number of Universities represented by Masters' degrees	19
Passed one or more language (but not prelim)	17	Number of different institutions represented (in 27 states, 4 provinces, and 5 countries)	56

ORIGIN OF GRADUATE STUDENTS IN GEOLOGY

Bachelors from these 48:

Arizona
Arkansas
Augustana
Baylor
Beloit (3)
Berea (2)
Boston University
Carleton
Connecticut (2)
Cornell College
Cornell University
Dartmouth (3)
Dayton
Denison
Depauw
Emory
Franklin and Marshall
Hanover
Illinois (15)
Lehigh
McMaster
Manchester (England)
Mandalay (Burma)
Manitoba (Canada)
Marietta
Marshall
Miami (2)
Missouri (2)
Mo. Sch. Mines
Monmouth
Nebraska
New Hampshire
Ohio Wesleyan (3)
Ohio University (2)
Pittsburgh
St. Josephs (5)
Saskatchewan (Canada)
Southern Illinois
Texas (2)
Toronto (Canada)
UCLA
Washington (St. Louis)
Western Reserve
Wheaton
Wisconsin (4)
Wooster (2)
Wyoming
Zurich (Switzerland)

Masters from these 19:

Alberta
Arkansas
Arizona
Emory
Florida State
Illinois (10)*
Indiana
Iowa State
L. S. U.
Miami (3)
Missouri (2)
Ohio State
Saskatchewan (Canada)
Southern California
Texas
Washington (St. Louis)
Washington State
Wisconsin (2)
Wyoming

* 7 with Bachelors' elsewhere

DEGREES AWARDED, 1957-58
Thesis supervisor shown in ( )

Ph.D.

Dewey Amos (Chapman)
Tin Aye (Hagner)
Jack Baker (White)
Donald L. Biggs (Chapman)
John Brophy (White)
Henry S. Brown (Hagner)
Harland E. Cofer (Chapman)
Frank L. Doyle (Shaffer)
James E. Hackett (Maxey)
Jurg Meyer (Grim)
Ward Motts (White)
Robert L. Rioux (Wanless)
Alan Scott (Scott)
Robert Sitler (White)
Raymond Slovinsky (Grim)
Ronald P. Willis (Scott)
John Winslow (White)

MS

Bruce L. Bartleson (Scott)
Marion E. Bickford (Chapman)
Robert B. Christy (Wanless)
Ted H. Foss (Chapman)
James H. Garrett (Scott)
Charles J. Gossett (Maxey)
Charles H. Hardie (Wanless)
William Hay (Scott)
Joseph T. Lewis (Hagner)
Thomas W. Lynch (Hough)
David C. Morrill (Wanless)
Ira E. Odom (Wanless)
Walter E. Parham (Wanless)
James C. Tharin (White)
Stephen Tisza (Scott)
Mathias J. Walters (Hough)
Ronald L. Wertman (Scott)
Lester L. Whiting (Wanless)

BS

Douglas S. Bates
Richard B. Beals
Richard L. Berger
Dwain J. Berggren
Stanley Bjustrom
Alton R. Brown
Edward Buck
Patrick A. Cummins
Fred B. Ducey
Arnold S. Gotaas
Kathryn Gronberg
Richard Laidley
David Mack
John R. McGregor
Herbert A. Mendoza
Wilbur F. Near
Robert F. Ohlhaber
Robert Postels
Anthony S. Rathnau
Donald O. Rimsnider
Pauline H. Schrott
Don K. Sherman
Norma Slama
Lyle H. Sleeman
James S. Street
Donald Tiedeman
Thomas T. Tieh
Philip E. Vierling
Owen D. Wilson
William W. Wilson

Origin of UI Fellows and Assistants in Geology - 1958-59
(41 Colleges and Universities Represented)

Doctors Degrees	Masters Degrees (12 Universities)	Bachelors Degrees (37 Colleges)
Kyoto	California	Augustanna (2)
		Baylor
	Illinois (3)	Beloit
		Bowling Green (2)
	Indiana	Carleton
		Columbia
	Kyoto	Dartmouth
		Dayton
	Missouri	Earlham
		Harvard (2)
	Saskatchewan	Illinois (2)
		Kyoto, (Japan)
	Syracuse	Lamar State (Texas)
		McMaster
	Texas	Manchester (England)
		Minnesota
	Toronto	Missouri
		Miss. Sch. Mines
	So. Calif.	Nebraska
		Ohio University
	Washington (St. L.) (3)	Ohio Wesleyan (4)
		Oxford
	Wisconsin	Penn State
		Pittsburgh
		Princeton
		St. Joseph's
		Saskatchewan
		S. Dakota
		N. Dakota Sch. Mines
		Texas
		Toronto (2)
		UCLA
		Washington (St. L.) (3)
		Western Reserve
		Wheaton
		Wisconsin
		Wooster
	12 Total	37 Total

"UNRESTRICTED GRANTS" TO DEPARTMENT

Late in the year the department received an "unrestricted grant" of $1000 from The Ohio Oil Company Foundation, Research Department. Most of this grant was awarded to 5 graduate students in the form of "Ohio Oil Company Summer Field Fellowships in Geology" to help defray field expenses for their thesis research during the summer.

A similar "unrestricted grant" from the California Company has been used in large part to help finance 4 undergraduate students who attended our summer field camp in Wyoming. These men were appointed to "California Company Summer Field Scholarships in Geology".

The awards of these grants to the department, as well as the award of graduate fellowships are a pleasing recognition of our work. These grants enabled 9 students to work on field projects of importance and promise.

IN MEMORIAM

FRANK W. DEWOLF, September 16, 1957

Professor DeWolf served as head of the department from 1931 until his retirement in 1946. He was director of the State Geological Survey for 12 years, 1911-23, and from 1904-08 he was geologic aid and assistant geologist with the USGS, Washington, D. C., when he came to the newly organized State Survey in Urbana as assistant geologist. In 1923 Professor DeWolf left Urbana for Houston, Texas, to become chief geologist of the Humphreys Corp. He was vice president and general manager of the Louisiana Land and Exploration Company, oil producers, from 1927-1931.

Professor DeWolf had a highly successful career. As director of the Survey he gave that organization a sound and aggressive administration. As chief geologist to the Humphreys Corporation he built up the staff, and in less than a year their work resulted in the discovery of the Wortham Oil Field. He was so impressed with the results of their mapping program that a second wildcat was commenced upon the structure before the completion of the first, and both were successful. While general manager of the Louisiana Land and Exploration Company he discovered 11 salt domes, and 10 of the eleven became producing oil fields. Professor DeWolf was one of the first men to apply the seismograph to petroleum exploration; also he was the first to design and use the "swamp-buggies" for exploration in marshlands. As a teacher, Professor DeWolf was interested primarily in his class in beginning geology and an advanced class in petroleum geology. Many Illinois alumni who received their training under his direction have risen to high executive positions in industry, and have attracted great numbers of our graduates into this field of work.

After his retirement, Professor and Mrs. DeWolf began a series of travels that took them over much of the earth. He never lost his interest in things geological.

Professor DeWolf is survived by his wife, 3 sons, John, Robert, and Frank, and a daughter, Eleanor. Mrs. DeWolf lives at 1508 S. Vine, Urbana.

As many of you know, I got my start as secretary in the geology department under Professor DeWolf and I shall always remember him for his courtesy, his understanding, and as a wonderful boss for whom to work.

GEORGE D. HUBBARD, June 10, 1958

Doctor Hubbard, an internationally known geologist and geographer, graduated from the University of Illinois in 1896. He held a fellowship in the department and was assistant from 1897-1900. Later he received an MA degree from Harvard and a Ph.D. from Cornell University. He taught at Charleston and five years at Ohio State University, prior to going to Oberlin to become head of the geology and geography department in 1910. He retired there in 1937.

Upon his retirement he taught at Harvard, Berea College, and at the University of Missouri, 1942-48. His book "Geography of Europe" revised in 1952, has been a standard college textbook for 20 years and was a required text during the war in Army officers' training course.

He traveled extensively, visiting almost every province in China, and all the countries in Europe and the Near East. He was a fellow of the GSA.

Dr. and Mrs. Hubbard attended the decennial reunion of the former's class at the University and were among those attending the 60th reunion of the '96ers in 1956.

Beginning in 1897 to teach a Bible class in the First Baptist Church, Urbana, Dr. Hubbard taught student or adult classes in college churches for 60 years.

Doctor Hubbard is survived by his wife, the former Edna A. Rugg, a 1900 graduate of the University of Illinois; three children, Dr. Ruth M. Hubbard, head, clinical psychologist, Veterans' Hospital, Waco, Texas; Marjorie H. Hubbard, psychiatric social worker, Mental Health Clinic, El Paso and Dr. Oscar E. Hubbard, professor psychiatry, Medical School, University of Mississippi.

BIRTHS

LINDA VALERIE, daughter of Mr. and Mrs. Budd Adams, 7-12-57

KEITH ALAN, son of Mr. and Mrs. Gerald K. Anderson, 11-1-57

MAY LYNNE, daughter of Mr. and Mrs. Marvin Andresen, 12-25-57

LISA, daughter of Mr. and Mrs. Carl W. Boquist

LAURA SUE, daughter of Dr. and Mrs. John A. Brophy, 3-58

KAREN ROSE, daughter of Mr. and Mrs. Edwin F. Bushman, 1-24-58

NADINE BARBARA, daughter of Dr. and Mrs. Albert Carozzi, 5-5-58

LEE ANNE, daughter of Dr. and Mrs. Robert W. Doehler, 10-11-57

JOHN R., JR., son of Mr. and Mrs. John R. Garino, 10-30-57

RICHARD, son of Mr. and Mrs. William N. Gregg

TIMOTHY LELAND, son of Mr. and Mrs. David Hadley, 2-9-58

THOMAS ERIC, son of Bill and Marilyn Johnson, 4-26-57

CHARLOTTE MARY, daughter of Dr. and Mrs. Edward C. Jonas, 11-6-57

ELIZABETH CLARE, daughter of Mr. and Mrs. Virgil J. Kennedy, 5-21-57

ELIZABETH AMELIA (BETSY), daughter of Dr. and Mrs. Bob Kesling, 6-3-58

PAUL DAVID, son of Mr. and Mrs. Roger Ludwig, 8-17-57

GLENNA MARIE, daughter of Mr. and Mrs. Bernard Lynch, 7-16-57

_____, son of Richard and Joyce Mast, summer 1958

JULIE JEANNE, daughter of Mr. and Mrs. John S. Porter, 12-7-57

BONNIE ANNE, daughter of Mr. and Mrs. Donelson A. Robertson, 5-19-57

GAIL ELLEN, daughter of Dr. and Mrs. Robert S. Roth, 4-8-57

SUSAN ELIZABETH, daughter of Dr. and Mrs. Robert Sitler, 4-30-57

GREGORY BRANDON, son of Mr. and Mrs. Frank B. Titus, 9-16-57

CHRISTINE RUTH, daughter of Mr. and Mrs. Edwin W. Tooker, 8-7-58

WILLIAM MICHAEL, son of Mr. and Mrs. Charles E. Tranter, Summer 1957

ELLEN JEAN, daughter of Dr. and Mrs. Wilford Weeks, 8-30-57

HANS PETER ANDREW, son of Mr. and Mrs. Edwin Welge, 5-9-57

DANIEL GENE, son of Mr. and Mrs. Gene Wilson, 7-13-57

SKYE ANN, daughter of Mr. and Mrs. Paul Wingard, 10-9-57

INGRID, daughter of Mr. and Mrs. Warren Ziebell, 3-8-57

HANS FREDEIK, son of Mr. and Mrs. Hans Mynlieff, 10-22-57

MARRIAGES

WILLIAM J. GARD and MARY ALBERTA HAGEN, 12-14-57

NANCY GIRHARD and ROBERT BONNEY RYAN, 11-15-57

PAUL F. JAHN, JR., and JOAN M. MAC LEOD, 3-9-57

MILTON F. LANGER and LAVONA JOY BLACKBURN, 11-3-57

MARGARET JENNIFER LUCAS and MICHAEL H. ROGERS, 1957

RICHARD J. POWERS and LILLIAN WEAKLEY, 6-9-57

TERENCE T. QUIRKE, JR., and RUTH MARY CARTER, 1-18-58

ALLAN D. RANDALL and EDWINA ANNETTE SUTHERLAND, 7-5-58

RUDOLF B. SIEGERT, JR., and PEGGY VEST, 6-22-57

HUGH R. THOMPSON and LORNA ISABEL PROCTOR, 7-13-57

MATHAIS JOSEPH WALTERS and JEANETTE GRACE THORNBURGH, 10-26-57

RICHARD A. YUND and VIRGINIA SMITH, 6-8-57

ALUMNI LIST

ABBOTT, HELEN OLDFATHER, AB '27, MA '33: 159 W. Jeffrey Place, Columbus 14, Ohio.

ACKER, CLEM J., BS '56: Assistant, Department of Geology, University of Arizona, Tucson, Arizona or 1145 N. Palo Verde Avenue.

ADAMS, BUDD B., (BA '51 Chicago); BS '53, (Ph.D. '57 Wisconsin, geophysics): Research geophysicist, Carter Oil Company, PO Box 801, Tulsa, Oklahoma. Linda Valerie, their second daughter, was born July 12, 1957.

ADAMS, FRANKLIN D., BS '50: Petroleum consultant, Waltonville Road, Mt. Vernon, Ill.

ADAMSON, BRUCE R., AB '57: Army? (Home: 111 E. Champaign St., Rantoul, Ill.)

AGNEW, ALLEN F., AB '40, MS '42, (Ph.D. '49 Stanford): Professor of Geology and State Geologist, University of South Dakota, Vermillion, South Dakota. Doctor Agnew received the Peele Memorial Award for 1958 from the AIMME during the annual meeting Feb. 17-20, in New York. "Application of Geology to the Discovery of Zinc-Lead Ore in the Wisconsin - Illinois - Iowa District" was the paper prepared by Dr. Agnew which earned him the award. The award was established in 1954 in honor of Robert Peele, long active as a teacher and writer of many valuable scientific books and articles of the mining industry. Doctor Agnew's research program of the South Dakota Survey is developing rapidly. The prompt and high quality colored map publication progress is especially noteworthy and has attracted much favorable attention.

AGSTER, WILLIAM P., BS '57: Assistant, Department of Geology, Louisiana State University, Baton Rouge, Louisiana, or 620 N. Blvd. He has been teaching physical geology and mineralogy labs.

ALBLINGER, JOYCE C., BS '57 (See Mrs. Richard F. Mast) She and Dick were married June 22, 1957.

ALEXANDER, JOE W., BS '41, MS '42, Scholar '40, Asst. '41-43: Geologist, Cities Service Oil Company, Leggett Building, Midland, Texas.

ALLEN, FRANCIS W., BS '54: 4036 Sedalia, El Paso, Texas.

ALLEN, WILLIAM H., BA '36, MS '37, Asst. '37: Exploration Manager, Shell Oil Co., 916-49th Ave., SW, Calgary, Alberta, Canada.

ALLER, ALAN, BS '51: 665 S. Cochran, Los Angeles, California.

ALLEXAN, JOHN R., BS '49: 2465 Walce Drive, Pontiac, Michigan.

ALLYN, PORTIA, ex '38 (See Mrs. George E. Smith)

ALTROGGE, JULIAN J., AB '49: Chief geologist, Royal Oil & Gas Corp., 902 Petroleum Bldg., Tulsa 3, Oklahoma, or 4185 E. 46th Street. Two of his neighbors are Joseph K. Morgan and Glen Ford.

AMES, JOHN A., (BA '41 Denver); MS '50, Asst. '46 & '47: Geologist, Alpha Portland Cement Co., Alpha Bldg., Easton, Pennsylvania, or RFD 4, Easton.

AMOS, DEWEY H., (BS '49 Marietta); MA '50, Ph.D. '58, Asst. '49 & '50: Southern Illinois University, Department of Geology, Carbondale, Illinois.

ANDERSON, GERALD K., BS '49, (MS '50 Texas Tech.): Geologist, Ohio Oil Company, 770 Milner Bldg., Jackson, Mississippi. Their second child, Keith Alan, was born November 1, 1957.

ANDERSON, LESLIE G., BS '57: Century Geophysical Prospecting, Tulsa, Oklahoma.

ANDERSON, SUMNER M., BS '25: Latin American Specialist, U.S. Bureau of Mines, 2425 Interior Building, Washington 25, D. C.

ANDRESEN, MARVIN J., BS '55, MS '56: Assistant, Department of Geology, University of Missouri, Columbia, Missouri, or 508 Edgewood. Marvin visited the department in January 1958. He reported that he and Pat had a baby girl, May Lynne, born December 25, 1957. Pat received her MS degree in mathematics from the University of Missouri. Marvin took his prelims in early summer and spent several weeks at the Illinois Geological Survey working on the Trivoli Cyclothem for his Ph.D. degree.

ANDREWS, FRANKLIN, BS '55, (MS '57 Florida State Univ.): Carter Oil Company, Shreveport, Louisiana.

ANDRON, MRS. MORTIMER (Bettie Teetor, BS '42) 226 N. Piedmont, Arlington, Va.

ARMS, HENRY W., (AB '49 Berea), Asst. '49 & '50: Geologist, The Atlantic Refining Company, Box 520, Casper, Wyoming, or 828 Sally Lane.

AULT, CURTIS H., (BS '54 Kent State), MS '56, Asst. '54-56: Geologist, Carter Oil Company, Box 3082, Durango, Colorado.

AYE, TIN, (BS '53 Mandalay; MS '55 Iowa), Ph.D. '58: Head of the Department of Geology, Mandalay University, Mandalay, Burma.

BACK, WILLIAM, AB '48, (MA '55 Calif.): Geologist, Ground-Water Branch, USGS, Washington 25, D. C.

BAIRD, DONALD W., (AB '50 Monmouth), MS '56: Geologist, The Ohio Oil Company, 2711 Columbine, Wichita 4, Kansas.

BAKER, JACK, (AB '50 Princeton), MS '56, Ph.D. '57: Assistant Professor, Department of Geology, Oklahoma State University, Stillwater, Oklahoma, or 307 W. 13th Ave.

BALDWIN, DONALD C., BS '49, MS '51: Geologist, Texas Oil Company, Midland, Texas

BAKER, RAY G., BS '52, Honors: c/o Logan Smith, R 1, Box 200, Stacy, Virginia.

BALLMANN, DONALD L., (AB '54 St. Joseph's College), BS '55, MS '56, Ph.D. '58. Don expects to receive the doctorate degree in October. He will return to the Department of Geology, St. Joseph's College, Collegevill, Indiana, September 1958. For the past few summers Don has been teaching at their field camp in New Mexico.

BANDY, JAMES C., (AB '49 Berea), AM '50, Asst. '49-50: Geologist, South Texas Development Company (Wytex Oil Corp.), Room 337 Korber Building, Albuquerque, New Mexico.

BARDELL, PHILIP W., BS '50; RR 1, Freeport, Illinois.

BARGH, MRS. GEORGE H. (Margaret Ann Hayes, BS '49): 806 S. Lynn, Champaign, Illinois.

BARKLEY, CARLOS J., BS '48: Shell Oil Company, 2206 Hewitt Drive, Billings, Montana.

BARNARD, EVYN G., BS '44: Claim Superintendent, State Farm Mutual Auto Insurance Co., 1024 N. Lincoln, Normal, Illinois.

BARNES, MARY ELIZABETH (BS '42 Ky.), MS '48: (See Mrs. John W. Rolley).

BARRETT, DARWIN S., BS '48: Doctor, Dental Clinic, VA Hospital, Wood, Wisconsin.

BARRETT, JOHN F., (BS '34 Beloit), MS '35, Asst. '35: Exploration Manager, Cuban Colombian Petroleum Co., Edificio ENE No. 704, Vedada, Habana, Cuba.

BARTLESON, BRUCE L., (BS '56 Beloit), MS '58, Asst. '57-58: Geologist, Pan American Petroleum Corp., Midland, Texas.

BARTON, CHARLES A., (BS '49 Millsaps), MS '52, Asst. '49 & '50: Geologist, Skelly Oil Company, Box 1077, Jackson, Mississippi.

BASSETT, CHARLES F., (BS '22 Cornell), AM '24, (Ph.D. '33 Michigan), Asst. '22-25: Gulf Oil Corporation, Division Office, PO Box 661, Tulsa 2, Oklahoma. Recently transferred from District to Division Office.

BATES, DOUGLAS K., BS '58: (Home: 305 Southwest 10th Street, Fairfield, Illinois).

BAXTER, JAMES W., (BS '50, MS '52, Ark.), Ph.D. '58: Assistant geologist, Industrial Minerals Division, Illinois State Geological Survey, Natural Resources Building. (James plans to complete the Ph.D. requirements by October 1958).

BAUER, CHARLES B., BS '41, MS '46, Asst. '46: District Geologist, The Carter Oil Company, Box 72, Carmi, Illinois.

BAUER, MRS. ROBERT (Colene Rae Woodmency, BS '51): Ground-Water Geologist, USGS, Washington 25, D. C., or 241 Southampton Drive, Silver Spring, Maryland.

BAYSINGER, EUGENE M., (B. Ed. '33, S. Ill. U), UI grad. student, '34-36: Consulting Geologist, 311 Maritime Building, New Orleans 12, Louisiana.

BEALS, RICHARD B., BS '58: Geologist, Magnolia Oil Company, Dallas, Texas.

BEAN, BERYL K., AB '30, MS '38: Consultant, 5300 Jefferson, Evansville 15, Indiana.

BEAN, WALTER G., BS '51: 805 Karns, ElDorado, Illinois.

BEARD, C. NOBLE, (AB '35, AM '36 Ind.), Ph.D. '41, Asst. '36: Professor of Geology, Fresno State College, 4586 N. Arthur, Fresno, California.

BEAUCHAMP, KENT, BS '56: Army? (Home: 7653 S. Yates, Chicago, Illinois).

BELL, A. LYNDON "Rusty", BS '36: Exploration Manager, International Petroleum Company, Ltd., Apartado 1081, Lima, Peru, South America.

BENDINER, BERNARD, BS '51: 4444 N. Damen, Chicago 25, Illinois.

BENNETT, DONALD C., BS '31: Intercity Box Co., 447 N. Trunck Avenue, Freeport, Illinois.

BENSON, EDMUND T., (BS '29, Chicago), UI grad. student '31-34: Geologist, Service Pipeline Company, PO Box 1979, Tulsa 2, Oklahoma.

BENSON, RICHARD H., (BS '51 Marshall Coll.), MS '53, Ph.D. '55, Shell Fellow, '53 & '54: Assistant Professor, Department of Geology, University of Kansas, Lawrence, Kansas.

BERGER, RICHARD L., BS '58: UI Graduate Student '58 - working toward the MS degree.

BERGGREN, DWAIN J., BS '57: 284 Rile Street, Bushnell, Illinois

BERLIANT, RONALD F., BA '54: Research & Development Department, Bauer & Black, 4429 N. Bernard Street, Chicago, Illinois.

BERMAN, BYRD L., (AB '51 Augustana), MS '53, Asst. '51 & '52: After spending some time in South Africa and New York, entered Columbia University in Feb. 1958.

BERNSEN, JOEL, AB '42: 4180 Marine Drive, Chicago 40, Illinois.

BEVAN, ARTHUR C., (BS '12, D.Sc. '42, Ohio Wesleyan, Ph.D. '21 Chicago), Staff '21-28: Churchville, Virginia.

BICKFORD, MARION E., Jr., (BA '54 Carleton), MS '58, Ill. Fellow '57 & '58. Marion worked in Maine this summer on Ph.D. thesis research.

BIERSCHENK, WILLIAM H., (BS '51 Princeton), MS '53: Geologist-Hydrologist, Hanford Atomic Products Operation, Richland, Washington, or 500 Cottonwood Drive.

BIGGS, DONALD L., (AB '49, MA '51 Mo.), Ph.D. '57: Department of Geology, Iowa State College, Ames, Iowa.

BILLINGS, VERLEE, BS '48: (See Mrs. Frank Harris Larner).

BIRD, ALLAN G., BS '51: Consulting Geologist, 406 Perry Street, Denver 4, Colorado.

BISHOP, ROBERT E., BS '54, Asst '54: After spending several years in the Armed Services he will return to graduate work at Illinois in September 1958.

BJURSTROM, STANLEY T., BS '58: Summer employment with California Company, Billings, Montana. Home: 3008 Walnut Ave., Mattoon, Illinois. He will begin graduate work at Ohio University in September. He has an assistantship.

BLACK, RONALD E., BS '50: 17D Young Street, Duncan Knell, Massachusetts.

BLACKWELDER, ELIOT (AB '01, Ph.D. '14 Chicago), Prof. & Head, '16-19: Professor of Geology, Emeritus, Stanford University, PO Box N, Stanford, California.

BLAESING, HARRY V., BS '54: Merchandise Manager, Home Furnishings, Montgomery Ward Company, 5826 S. Artesian Street, Chicago, Illinois.

BLAZINA, HUBERT E., BS '49: 11636 Tina Avenue, Norwalk, California.

BOARDMAN, RICHARD S., BS '48, MS '52, Ph.D. '55, Asst. '49-51: Assoc. Curator, Div. Invertebrate Paleo. & Paleobotany, Smithsonian Institution, U.S. National Museum, Washington 25, D. C. Formerly of the USGS, stationed in the US National Museum, transferred to the Smithsonian Institution on July 1, 1957. His primary interest is in the morphology and general paleontology of the Bryozoa. He will carry on the work started by Dr. R. S. Bassler at the Museum more than 50 years ago.

BOHOR, BRUCE F., (BS '53 Beloit, AM '55 Indiana); Asst. '55, Fellow Ill. Clay '55-57: Associate Research Geologist, Well Logging Group, Production Research Division, Development and Research Department, Continental Oil Company, Ponca City, Oklahoma. He is working on his Ph.D. degree under Doctor Grim.

BOMKE, ROBERT A., BS '53: RR 6, Box 79, Springfield, Illinois. From 1946-49 he was Aerial Motion Picture Cameraman for the USN. Since his graduation in '53 he has continued in motion picture production work in Oklahoma and Texas. Among films produced were "Vocational Training in the Oil Industry", "Electrical Well Logging", "Drill Stem Testing" and "Oil and Gas Well Corrosion". He visited us in May 1958 and stated he hopes to continue his work in geological motion picture production.

BOOKER, FREDERICK W., Res. Assoc. '55-56: Government geologist, New South Wales and Director of the Geological Survey, Dept. of Mines, Sydney, Australia, or Box 48, GPO, Sydney. Dr. Booker is one of the hosts to Professor Wanless, who is now Fulbright Research Fellow in Sydney for 1958-59.

BOOS, MARGARET FULLER, visiting professor '49: Geological Consultant, 2036 S. Columbine Street, Denver 10, Colorado.

BOQUIST, CARL W., BS '49: Research Scientist, Dept. of Ceramics and Minerals, Armour Research Foundation of Illinois Institute of Technology, 10 West 35th Street, Chicago 16, Illinois, since 1957. He spent 6 years with US Steel Corporation. They have a daughter, Lisa, 20 months.

BORCHERT, JOHN R., (AB '41 DePauw, MA '46, Ph.D. '49 Wisconsin), Asst. '41: 433 Westwood Drive N., Minneapolis, Minn.

BORDEN, EUGENE W., (BS '55 Lamar St. Coll.), MS '56, Asst. '55-56: Graduate assistant, Department of Geology, University of Wisconsin, Madison 6, Wisconsin.

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BROMFIELD, CALVIN S., (BS '48, MS '50 Ariz.); Asst. '55-57: USGS, Box 360, Grand Junction, Colorado. Calvin plans to return to the campus in Feb. 1959 to complete work for the Ph.D.

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BROWN, ROBERT W., (BS '11 Northwestern), MS '13; (Ph.D. '27 Chicago): 371 Nova Lane, Menlo Park, California.

BROWNFIELD, ROBERT L., (BS '50 St. Louis U.), MS '55: Jet Oil Co., 1018 1/2 Main Street, Mt. Vernon, Illinois.

BUCK, ALAN D., BS '50: Asst. Chief, Petrography Section, U.S. Corps of Engineers, Waterways Experiment Station, Concrete Research Division, PO Drawer 2131, Jackson, Miss.

BUCK, EDWARD F., BS '58: Army? (Home: 5347 W. Chicago Ave., Chicago 51, Ill.)

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BUSCHBACH, THOMAS C., BS '50, MS '51: Assistant Geologist, Illinois Geological Survey, Nat. Res. Bldg., Urbana, Ill. Tom is approaching completion of his Ph.D.

BUSHMAN, EDWIN F., BS '41: Technical Director, General American Transportation Corp., 19 Lagunita, Laguna Beach, California. Ed attended the AAPG alumni luncheon in Los Angeles in March and took photographs of the group which appeared in the July ILLINI NEWS. Ed sent us pictures of the Wanlesses as they were leaving for Australia. Karen Rose was born January 24, 1958, making a present count of 2 boys and 2 girls.

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COPELAND, MARGARET JANE, (BA '43 Bryn Mawr); Grad. Stu. '43-44: (See: Mrs. Charles Godwin).

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CROPP, FREDERICK W., III, (BA '54 Wooster); MS '56: Instructor, Department of Geology, University of Illinois, Urbana, Illinois. Fred will receive the Ph.D. degree this October. Fred will have charge of all laboratory work in beginning courses. He was full-time assistant at field camp this summer.

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DECKER, JACK MINROD, (BS '49 Redlands), MS '50; Asst. '49-50: Consulting geologist, Rt. 1, Box 351, Corning, California.

DECKER, ROBERT W., Asst. Prof. '54: Assistant Professor of Geology, Dartmouth College, Hanover, New Hampshire, or 2 Kingsford Road. A son, Jeffrey was born Dec. 9, 1957. Doctor Decker will be on leave of absence in Indonesia from January 1, 1959 thru August 1960.

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DUCEY, FRED B., BS '58: Home: Box 256, Richmond, Illinois. Army in Aug. 1958.

DU BAR, JULES R., (BS '48 Kent State, MS '50 Oregon State, Ph.D. '57 Kansas); Grad. Stu. '50-51: Assistant professor, Department of Geology, Houston University, Houston, Texas.

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FORD, GLEN M., AB '40, MS '41: Asst. Division Geologist, Oklahoma Division, The Texas Company, Box 2420, Tulsa, Oklahoma, or 4370 S. Allegheny, Tulsa.

FORTIER, LEO R., AB '24: Consulting, 33 Stratford Road, Wichita 8, Kansas.

FOSS, TED H., BS '56, MS '58; Asst. '57: Assistant, Rice Institute, Houston, Texas.

FOSTER, JACK D., (BS '49 Mo. Sch. Mines); MS '51; Asst. '49-50: Chief geologist, James G. Brown & Assoc., PO Box 2667, Midland, Texas.

FOX, ROBERT E., (BS '52 Marshall); MS '53, Asst. '52: PO Box 326, Karachi 1, Pakistan. Bob is with the Hunt International Petroleum Company of Dallas as chief geologist.

FOX, MRS. ROBERT E., (Mary Ann Strouse, AB '52 Wooster), MS '53; Fellow '52-53: PO Box 326, Karachi, Pakistan. Many of you no doubt enjoyed the Christmas letter from Ann and Bob last year.

FRANKLIN, DONALD W., BA '37, MS '39; Asst. '37-39: District Geologist, The Ohio Oil Company, Box 552, Midland, Texas.

FRANKLIN, EDWIN H., BS '56: Creole Petroleum Corporation, Maracaibo, Venezuela. After receiving the BS in 1956, Ed attended the University of Nebraska for one semester, before going with Creole. He visited us in April 1958 while on a month's vacation. He spoke highly of his work in SA.

FREDIGKE, LUCILLE, BS '40, Asst. '46: (See: Mrs. Edmond G. Otton).

FREEMAN, MRS. JEREMIAH P., (Mary E. Mifflin, BS '53), Rt. 4, Box 163, Huntsville, Alabama. Christopher Robert born April 3, 1957.

FRIES, GEORGE "TED", BS '52: Party Chief, C. K. Willett - Consulting Engineers, 414 E. McKenney St., Dixon, Illinois, or 605 W. 2nd Street.

FRUND, EUGENE, (BS '51 Marietta); MS '53, Asst. '51-52: Geologist, Stratigraphic Section, The Carter Oil Company, PO Box 568, Mattoon, Illinois, or 1316 S. 17th Street. Gene visited us last July when he was in town collecting data.

FUCHS, ROBERT L., (BS '51 Cornell Univ.); MS '52, Asst. '51-52: Patrol Squadron ONE, c/o F.P.O., San Francisco, California.

FULK, GLEN O., BS '57: Dept. of Geology, Univ. of Arkansas, Fayetteville, Arkansas.

FULKERSON, DONALD H., BS '50 Honors; (MS '51 Wyoming): Senior geologist, International Petroleum Co., Talara, Peru, SA.

FULLER, MELVILLE W., AB '31, AM '33: Consulting geologist, and oil producer, 1732 E. 31st Street, Tulsa 5, Oklahoma.

FULTZ, DUANE, AB '41: Lt. Col., US Marine Corps, MR1 Marine Corps Base, Camp LeJeune, North Carolina.

FUNNEKOTTER, THEODORE, BS '50, 217 Focis Street, Metairie, La.

GADD, NELSON R., (BS '46 U. West Ontario; MS '48 Laval Univ.); Ph.D. '55; Asst. '51; Fellow '52: Geologist, Pleistocene Section, Geol. Survey of Canada, Ottawa, Ontario, Canada, or PO Box 95, City View, Ontario.

GAEBE, JAMES R., BS '46; Asst. '47-48: 1108 W. Springfield, Urbana. Jim is working toward an advanced degree in mathematics.

GAGE, MAXWELL, Visiting Asst. Prof., '52-53: Canterbury Univ. College, Christchurch, New Zealand.

GALLAGHER, JAY OWEN, BS '57: Address Unknown.

GARD, WILLIAM J., BS '50: Geologist, Phillips Petroleum Co., 320 7th Ave., SW, Calgary, Alberta, Canada. Bill and Mary Alberta Hagen were married on Dec. 14, 1957 in Canada.

GARDNER, JACK W., (BS '34 Drury Coll.; MA Missouri); Asst. '36-37: with USN Photo Interpretation. Res: 1906 Carmody Drive, Silver Springs, Md.

GARINO, JOHN R., BS '57: 1402 W. St. Louis St., West Frankfort, Illinois. Son, John R., Jr. born October 30, 1957.

GARRETT, HOWARD E., BS '42: Phillips Petroleum Co., Box 948, Ardmore, Oklahoma.

GARRETT, JAMES H., (BS '51 Marshall); MS '58; Asst. '55-56: Geologist, Continental Oil Co., Drawer 1267, Ponca City, Oklahoma.

GARRETT, ROBERT D., BS '48: Consulting Geologist and Partner in Tri-State Testing Co., Rm. 414, Kresge Bldg., Owensboro, Ky.

GEDNETZ, DONALD E., (BS '55 Kent State); Completed work for MS with exception of thesis writing. Hg. Co. 39th Engr. Gp., APO 164, New York, N. Y. Don is now in Germany, working as a construction draftsman for Uncle Sam.

GEIS, HAROLD L., AB '31, MS '33: Consulting geologist, 2123 Bank of the Southwest Bldg., Houston 2, Texas.

GEISLER, JEAN MARIE, BS '48, MS '49: (See: Mrs. Robert E. Moore).

GERBERT, PHILLIP H., BS '53: Chemist Supervisor, U.S. Rubber Company, 2216 Marmion Avenue, Joliet, Illinois. Phil was married in February 1954 and they have 2 children, a daughter and a son. Since his graduation he has been working with the US Rubber Company except for a period in the U.S. Air Force--2 yrs. He has been attending night classes in the Joliet Junior College toward a degree in Petroleum Engineering.

GILLIS, ALBERT H., BS '50: Geologist, Kewanee Oil Company, Evansville, Indiana, or 4901 Sherbrooke Road, Evansville 10.

GILMORE, JOHN A., BS '32: Consulting geophysicist, 407 Radio Building, Wichita Falls, Texas.

GIRHARD, MARY NANCY, BS '46; MS '48; Asst. '46-47: (See: Mrs. Robert B. Ryan).

GLENDENING, JACK A., AB '48: Sinclair Oil & Gas Co., Box 521, Tulsa, Oklahoma.

GLAWE, LLOYD N., BS '54: Graduate assistant, Department of Geology, Louisiana State University, Baton Rouge, La., or 2227 Cloverdale. He is majoring in paleontology with emphasis in micro-paleontology. He sent word that J. C. Ferm who was at Illinois in 1950 is now assistant professor of sedimentation at LSU.

GLENN, SIDNEY E., BS '55; (MS '57 Syracuse): Geologist, International Petroleum Ltd., Bogota, Colombia, S. A.

GLICK, ERNEST E., (BS '49 So. Cal.); Asst. '50: Geologist, Fuels Branch, USGS, 234 Federal Building, Tulsa 3, Oklahoma.

GLOSSOP, ROBERT L., BS '52: Development geologist, Tidewater Oil Company, 806 Petroleum Life Bldg., Midland, Texas.

GLUSKOTER, HAROLD J., BS '56; (MS '58 Iowa): Graduate assistant, Department of Geology, University of California, Berkeley 4, California.

GOLDEN, RICHARD M., BS '48: LaSalle Steel Company, Hammond, Indiana.

GOLDMAN, CHARLES R., AB '52; (MS '55 Zool.): Fish. Res. Biologist, U.S. F.W.S. and Teaching Fellow, University of Michigan, Ann Arbor, Michigan, or 1719 Northwood Apts.

GOLLNICK, ROBERT L., AB '40, MS '41: Staff geologist, Ralph E. Davis, 1238 Commerce Building, Houston, Texas.

GOODALL, KARL LE ROY, BS '50: Zone geologist, Gulf Oil Co., Box 968, Ardmore, Okla.

GOODIN, JAMES E., BS '49: 2253 Monroe, Granite City, Illinois.

GORE, DOROTHY JEAN, (BS '48 The Principia); MS '52: Acting Head, Dept. of Geology, The Principia College, Elsah, Illinois.

GOSS, LYMAN E., BS '58: 8050 Luella Street, Chicago, Illinois.

GOSSETT, CHARLES J., (BA '55 S. Ill. Univ.); MS '57: Box 165, Norris City, Illinois. Charles was inducted into the Army in Dec. 1957 for a 2-year hitch.

GOTAAS, ARNOLD S., BA '58: 681 Washington Place, Highland Park, Illinois. He is now in the Army.

GRANT, JAMES E., Jr., BS '48: Assistant Pastor, St. Patrick's Catholic Church, 408 W. Poplar St., Walla Walla, Washington.

GRAVES, PERRY H., JR., BS '41: President, Graves Industries, Inc., Box 242, Robinson, Ill.

GRAY, JANE, (AB '51 Radcliffe); Asst. '51-52; (Ph.D. '56 Calif.): Instructor, in Geology, Univ. of Texas, Austin 12, Texas.

GREENWOOD, CHARLES E., BS '49: Division geologist, Continental Oil Co., PO Box 2197, Houston 1, Texas.

GREGG, WILLIAM N., JR., BS '48, MS '49: Field Engineer General, Schlumberger Well Surveying Corp., 308 Patton, Morgan City, La. They have 2 children, Susan 3, and Richard 8 months.

GRIESSER, MRS. ROBERT (Barbara Camp, BA '45); (MA U. of Cinn.): Woodlawn Road, Sterling, Illinois.

GRIFFITTS, MRS. WALLACE R., (Mary Oswald, BS '41 Mich; Ph.D. '44 Colo.); Asst. '44-46: 810 14th Street, Boulder, Colorado.

GRINNELL, ROBERT N., BS '51, MS '52: Geologist, Mobil Producing Co., Box 1652, Casper, Wyoming.

GROGAN, ROBERT M., (BS '35 Chicago; MA '36 and Ph.D. '40, Minnesota); Grad. Stu. '38-39: Assistant Chief Geologist, E. I. duPont de Nemours & Co., Development Department, 6015 duPont Bldg., Wilmington 98, Delaware.

GRONBERG, KATHRYN L., BS '58: Assistant, Ill. State Geol. Survey, Nat. Res. Bldg., Urbana, Illinois.

GROSSMAN, STUART, AB '52, MS '53; Asst. '53: Dept. of Geology, University of Kansas, Lawrence, Kansas.

GROTE, BENJAMIN, (B.Ed. 28 Western Ill. St. Teachers Coll.); AM '34 (Education); Ph.D. '49; Asst. '39-42: Lt. Col. USAF, 5205 N. Carlyn Springs Road, Arlington 3, Virginia. He is working as a Research and Development Specialist (geology), US Air Force Headquarters.

GROVES, HENRY M., BS '52: Geologist, Mo. Geological Survey, 1809 Tower Road, Rolla, Mo. Henry visited us on July 1 while he was at the Ill. Survey for a couple of days research work.

GRUBB, CARL F., AB '31, AM '32; Asst. '33-35: District geologist, The Superior Oil Co., 915 American Bank Bldg., New Orleans, Louisiana.

GRUBB, ROBERT F., BS '38: Agency President, Grubb & Petersen Advertising Agency, 111 North Market, Champaign, Illinois, or 1401 W. Healey, Ill. A new student training program has been established by Grubb and Petersen Advertising Agency, in cooperation with the UI College of Journalism and Communications. The selected student will spend 25 hours a week in training in all phases of agency operation. It is hoped that in future years the program can be enlarged to include a larger number of trainees.

GRUPP, CHARLES J., JR., BS '47: Police Magistrate and Attorney-at-Law, 75 E. 16th, Chicago Heights, Illinois.

GSELL, RONALD N., AB '30; (MS '33 Wash. Univ.): Regional Geophysicist, Magnolia Pet. Co., PO Box 900, Dallas 21, Texas.

GUTSCHICK, RAYMOND D., BS '38, Engr. Phys.; MS '39, Ph.D. '42; Asst. '38-41; Instr. '42: Professor of Geology and Head of Department of Geology, Univ. of Notre Dame, Notre Dame, Indiana.

GUTSTADT, ALLAN M., BA '49 Highest Honors; (Ph.D. '54 Northwestern): c/o Creole Petroleum Corp., Geologia, Lagunillas (Zulia), Venezuela, S. A.

HAACK, NORMAN E., (BA '55 Whittier Coll.); MS '56; Calif. Fellow '55-56: Ensign, USNR, USS Hopewell (DD 681), San Diego, California.

HACKETT, JAMES E., (Ph.B. '50, MS '52 Wisc.); Ph.D. '58: Assoc. Geologist, State Geol. Survey, Nat. Res. Bldg., Urbana, Illinois.

HADLEY, DAVID W., BS '53: 3544 Western, Park Forest, Ill., Timothy Leland born Feb. 9, 1958.

HAGAN, WALLACE W. (Wally), BS '35, MS '36, Ph.D. '42; Fellow '36 & '40: Wally joined the University of Kentucky staff August 15 as director of the Kentucky Geological Survey and state geologist. He has been a geologist in the Ky.-Indiana-Illinois area since 1945 and found or contributed to the location of 10 new oil fields in western Kentucky and the extension of 6 others in the area. The Kentucky Geological Survey, which Hagan heads is a separate department in the U. of K. College of Arts and Sciences, Lexington, Ky.

HAGE, CHARLES E., BS '57: 115 N. 2nd St., Vandalia, Illinois. Understand he is with a Geophysical Service, Inc., Dallas, Texas.

HALLSTEIN, WILLIAM W., BS '49; MS '52: The Carter Oil Company, Box 181, Durango, Colo.

HAMMACK, JULIUS E., BS '50 (Commerce); BS '54: Geologist, Walter Duncan Oil Properties, Box 206, Mt. Vernon, Illinois.

HAMMERBACKER, LAWRENCE J., BS '50:

HANES, VINCENT E., BS '39, MS '40: Geologist, Nebo Oil Co., Inc., 930 Mercantile Bank Bldg., Dallas, Texas.

HANSEL, EARL E., (AB '49 Marietta); Asst. '50: 403 Walnut St., Belpre, Ohio.

HANSON, WILLIAM A., BS '51: Civil Engineer, Corps of Engineers, PO Box 554, Mokena, Illinois.

HARDEN, JON M., BS '56: Geophysical Computer, Geophysical Service Inc., Party 623, Box 53, Ramna, Dacca, East Pakistan.

HARDESTY, JAMES F., BS '51; (MS '57 Louisiana): Geologist, Shell Oil Co., Box 1748, Baton Rouge, La.

HARDIE, CHARLES H., (BS '50 Texas Western); MS '58; Asst. '50-52: Dept. of Math., Boston University, Boston, Mass.

HARDY, MRS. RICHARD (Rozella Hammel), Office '53-56: RR 3, Champaign, Illinois.

HARPER, MARGARET FRANCES, BS '34; (MA '36 Smith); Asst. '37: (See: Mrs. Arthur W. Lehde).

HARRINGTON, FRED IRVING, (BS '50 Wheaton); Grad. Stu. '50-52; (MS '54 Iowa):

HARRIS, LLOYD A., AB '39 Honors; (MS '40 Vanderbilt): Consultant, Box 381, Mattoon, Illinois.

HARRIS, WILSON G., JR., BS '48: Consulting geologist, Box 92, Carmi, Illinois.

HARRISON, JACK E., (AB '48 DePauw); Ph.D. '51; Fellow '48-50: USGS, Mineral Deposits Branch, Bldg. 25, Federal Center, Denver 2, Colorado, or 7943 W. 17th Ave., Denver 15, Colo.

HARRISON, J. V., Visiting Prof. '51-52: Dept. of Geology, University Museum, Oxford, England, or 59, Little London, Kennington, Oxford, England. Dr. Harrison spent last summer in Peru.

HARRISON, JOHN A., (BS '40 Arkansas); MS '48: Associate geologist, Ill. State Geol. Survey, Nat. Res. Bldg., Urbana, Illinois.

HARTS, HANSON W., BS '21: Vice President, Warren Petroleum Corp., Box 1589, Tulsa, Oklahoma.

HARTSHORN, ANN., BS '48: (See: Mrs. Erwin Johannes).

HARVEY, CASTLE J. C., Asst. Exploration Mgr., Texas Pacific Coal & Oil Co., PO Box 2110, Ft. Worth, Texas.

HASCH, ROBERT M., BS '50: Sales Representative, The Carborundum Co., Southport, Maine.

HATHAWAY, JOHN C., (AB '50 Colgate); MS '52; Asst. '50-52: Geochemistry & Petrology Branch, USGS, Bldg. 25, Federal Center, Denver, Colorado.

HAUBERG, CATHERINE, BS '36: (See: Mrs. Catherine Sweeney).

HAWORTH, CHARLES R., BS '47: District Geologist, The Superior Oil Co., 906 Hamilton Bldg., Wichita Falls, Texas.

HAY, WILLIAM W., (BS '55 So. Methodist); MS '58; UI Fellow '56-57: Honorary Fellow, Stanford University, Stanford, California.

HAYES, MARGARET ANN, BS '49: (See: Mrs. George H. Bargh).

HAZLETT, DONALD C., BS '28: Russelville, Indiana.

HEATH, MARILYN, BS '49: (See: Mrs. William E. Johnston).

HEBENSTREIT, HAROLD R., BS '47: 566 Hillcrest, Elmhurst, Illinois.

HEINZ, DAVID M., BS '52; MS '53: Aurora Gasoline Co., 215 SE 7th St., Evansville, Indiana.

HELLEN, LESLIE P., JR., BS '43: Area geologist, The Carter Oil Co., 310 Masonic Bldg., Ponca City, Okla.

HELMUTH, DARRELL N., BS '50: Development geologist, Standard Oil Co. of California, Exploration Dept., 11-C Camp, Taft, Calif.

HENTON, JOHN M., JR., BS '48, MS '49; Scholar, '48: Area Geologist, Central Exploration Area, The California Co., 730 E. Northside Drive, Jackson 6, Miss.

HERCHER, RICHARD T., BS '50: Consultant, 3618 Grape St., Denver 7, Colo.

HEROLD, JAMES D., BS '49: 710 Caroline St., Belleville, Ill.

HERRING, GROVER F., BS '57: 316 S. 4th, Pekin, Illinois (home). Was with Farmers Insurance Group, 316 So. 4th, Peoria, Illinois.

HERRING, MRS. DONALD G., JR., (Lois Schulz, BS '42); Asst. '42-43: 400 E. Marigold Street, Altadena, California. Lois attended the AAPG, Alumni Luncheon in San Francisco in March.

HILL, MARY, (BS '44 Colo.); Grad. Stu. '45-46: (See: Mrs. Charles L. Rice).

HILL, WAYNE N., BS '53; (MS '57 Wash. U.): The Carter Oil Co., PO Box 801, Tulsa, Okla., or Apt. D, 1610 E. 14th St.

HISER, HOMER W., BS '51: Research associate professor, Univ. of Miami, PO Box 8003, Coral Gables 46, Florida.

HO, CHUN SUN, (BS '39 Nat'l Central Univ.); UI '55-56: Staff geologist, Geological Survey of Taiwan, (Formosa), or 1 Sect. 1 Kaifeng St., Taipei, Formosa, China.

HOCKMAN, GEORGE D., BS '53: Geologist, Jas. N. Hockman, Oil Producers, Box 68, Salem, Illinois.

HOCKMAN, RUTH E., BS '49: (See: Mrs. G. W. Dettinger).

HOFFMAN, CARLYLE K., AB '41; (MA '49 U. of Buffalo): Geologist, N. V. Duncan Drilling Co., Box 302, Fairfield, Illinois.

HOKE, CHARLES J., AB '37: Vice President--Exploration Advisor, Murphy Corporation, Murphy Building, El Dorado, Arkansas.

HOLLANBECK, MRS. RICHARD (Bonnie), Office '50-53: 2601 Foxhall Drive, Lafayette, Indiana.

HOLMES, LESLIE A., BS '26, MS '28, Ph.D. '42; Asst. '26 & '27: President, Northern Ill. State College, DeKalb, Illinois.

HOLMIN, MRS. BERTIE (LORRIE ROSS), BS '46: Skyttevagen 22c, Saltsjobaden, Sweden.

HOLMQUIST, GEORGE V., BS '48:

HOLSTON, ALVIN A., BS '27: Geologist, Pan American Petroleum Co., Box 591, Tulsa, Okla.

HONEA, ROBERT C., BS '46, MS '48; Asst. '46-48: Division Exploration Manager, Tenn. Gas Transmission Co., 1820 Wilco Bldg., Midland 1, Texas, or 3105 Lockheed.

HOOVER, JANET, BS '40; Asst. '42-43: (See: Mrs. James Sewell).

HOOVER, W. FARRIN, (AB '30 Cincinnati; AM '32 Kansas); Ph.D. '39; Asst. '34-39: Calle Habana # 285-260, Apt. 1101, Havana, Cuba.

HOPKINS, M. E., (BS '50, MS '51 Ark.); Ph.D. '57: Asst. Prof., Dept. of Geology, University of Tulsa, Tulsa 4, Okla.

HOTTINGER, KENNETH W., ex '40-43: Engineer, Public Service Co. of Colorado, 2705 Lookout View Drive, Golden, Colorado.

HOWARD, JAMES R., BS '57: 3rd and Hopkinton St., Rosiclare, Illinois.

HOWARD, RICHARD H., (AB '52 Colgate); MS '55; Asst. '52-53: c/o Carl Bays and Assoc., 1101 N. Coler, Urbana, Ill.

HUBER, MRS. JOHN ROBERT (JUNE), Office '52: 2246 Grant Street, Bettendorf, Iowa.

HUGHES, PAUL W., (BS '48 Oregon State; MS '50 Arizona); Asst. '54-56: Geologist, Petrobras, Sao Salvador, Bahia, Brazil.

HUNER, JOHN, JR., BS '34; (Ph.D. '39 La. State Univ.): Consulting geologist, 4665 Tulane Drive, Baton Rouge 2, La.

HUSE, MRS. EARL SANBORN, (Lois Elaine Titus, AB '45): 1580 Elmwood Avenue, Rochester 20, New York.

HUTCHESON, DONALD W., (BA '55 Berea); MS '57: Geologist, Standard Oil Co. of Texas, Roswell, New Mexico, or 205 S. Kentucky Avenue.

HUXEL, CHARLES J., BS '55: Assistant, State University of Iowa, Iowa City, Iowa, or 538 S. Gilbert.

IRISH, ERNEST J. W., (AB '39, MS '40 British Columbia); Ph.D. '49: Geologist, Geological Survey of Canada, Ottawa, Ontario, Canada or 863 Kingsmere Ave.

IRVIN, WILLIAM C., BS '47, MS '48; Asst. '48: Assistant Professor of Physical Science, Sacramento State College, Sacramento, California, or 4504 Hazelwood Ave., Sacramento 21. Bill, his wife and 2 children visited the department on August 13.

IRWIN, MELVIN L., BA '40, MS '41: Senior Research Geologist, Shell Oil Company, 1845 Sherman Street, Denver, Colorado, or 3201 S. University, Englewood, Colo.

IRWIN, RAYMOND L., JR., BS '49: Sales Engineer, Blue Diamond Corp., 2819 Santa Paula Ct., Sacramento 21, Calif.

IZZARD, MRS. W. R. (Kathryn Richart, AB '46):

JACKSON, HOWARD O., JR., BS '51: 2914 Benvenue, Berkeley, Calif.

JAHN, PAUL F., JR., BS '55: 5561 State Road, Oak Lawn, Illinois. Formerly with Armour Research. He and Joan M. MacLeod were married March 9, 1957.

JANICKI, MURIEL, AB '42: (See: Mrs. Nicholas Tannaci).

JARL, EDWARD L., AB '36: 1141 Judson Avenue, Evanston, Illinois.

JOHANNES, MRS. ERWIN (Ann Hartshorn, BS '48): RR 1, Hegg Addition, Covington, Indiana.

JOHANNSEN, ALBERT (BS '94 Architectural Engr., Ill.; BS '98 Utah; Ph.D. '03 Johns Hopkins): Prof. Emeritus, U. Chicago, Box 566, Winter Park, Florida.

JOHN, FRED S., BS '50: Interpreter, Offshore Exploration Group, Inc., 2128 W. Alabama, Houston, Texas.

JOHNS, WILLIAM D., (AB '47 Wooster); MS '51, Ph.D. '52; Asst. '47-49; API Sp. Res. Asst. '52-54; Asst. Prof. '54-55: Assoc. Professor, Dept. of Geol., Washington University, St. Louis, Mo., or 29 Rosemont, Webster Groves 19, Mo.

JOHNSON, ARTHUR A., JR., AB '42: 2045 Chiles Avenue, Reno, Nevada.

JOHNSON, DOROTHY BERNICE, BS '43, MS '45; Asst. '43; Scholar '44: (See: Mrs. Dan Parmesan).

JOHNSON, GERALD FRANK, BS '57: RFD 2, Leland, Illinois.

JOHNSON, GORDON W., BA '53: General Science, Franklin Junior High School, Champaign, Illinois, or 1601 S. Neil.

JOHNSON, ROBERT B., (AB '49, MS '50 Syracuse); Ph.D. '54; Fellow '50: Asst. Prof., Department of Geology, Purdue University, Lafayette, Indiana.

JOHNSON, THELMA, Office '28-40: (See: Mrs. Carleton A. Chapman).

JOHNSTON, WILLIAM E., BS '49: Manager, Commercial Credit Corporation, 704 N. 12th, Mt. Vernon, Illinois.

JOHNSTON, MRS. WILLIAM E., (Marilyn Heath, BS '49): 704 N. 12th, Mt. Vernon, Illinois. Bill and Marilyn sent notice of the birth of Thomas Eric, April 26, 1957.

JONAS, EDWARD C., (BS '44 Rice Inst.); MS '52; Ph.D. '54: Asst. Prof., Dept. of Geology, University of Texas, Austin 12, Texas. A daughter, Charlotte Mary, was born November 6, 1957.

JORDAN, ELLEN, AB '45, High Honors; MA '50; Asst. '48: (See: Mrs. Frederick A. Shannon).

JUHRE, MRS. W. E. (Caryl Jean Thompson, BS '44).

JURGENS, RUSSELL E., BS '34: Vice-President & General Manager, McCarty Company of Texas, Inc., Advertising Agency, 1500 Jackson, Suite 826, Dallas, Texas, or 3425 Caruth Street.

KARROW, PAUL F., (BS '54 Queen's Univ.); Ph.D. '57; Asst. '54-56; Shell Fellow, '56-57: Geologist, Ontario Dept. of Mines, Parliament Buildings, Toronto, Ontario, Canada. Paul spent the summer mapping the Hamilton, Ontario, area, after having spent several months touring Europe.

KAYSSER, DONALD R., BS '55: Junior geologist, Natural Gas Pipeline Co., Joliet, Illinois.

KELLOGG, ROBERT L., BS '57: Century Geophysical Corp., Tulsa, Oklahoma.

KELLY, ROBERT A., BS '42: Shure Oil Company, RR 1, Mt. Carmel, Illinois.

KENNEDY, LUTHER E., AB '15; AM '15; Ph.D. '20: Consulting Geologist, 1735 S. Victor Avenue, Tulsa 4, Oklahoma.

KENNEDY, ROBERT H., BS '40: Industrial Engineer, Inland Steel Co., East Chicago, Indiana, or 6363 S. Shore Drive, Chicago 49, Ill.

KENNEDY, VIRGIL J., BS '47, MS '48: District geologist, Shell Oil Company, PO Box 1509, Midland, Texas, or 711 North Kent Street. The Kennedys have three children, Bruce 8, Douglas 3 and Elizabeth Clare born May 21, 1957.

KENT, MRS. LOIS S., (AB '34 Oberlin; MA '36 Cornell Univ., Ph.D. '40 Bryn Mawr); Instructor '54-55: Assistant geologist, Illinois State Geological Survey, 465 Nat. Res. Bldg., Urbana, Illinois, or 804 W. Springfield Avenue, Champaign.

KERN, FRED, BS '48: 335 S. Monroe, Pittsfield, Illinois.

KESLING, ROBERT V., (AB '39 DePauw); MS '41, Ph.D. '49; Asst. '39-41; Fellow '41-42; Asst. '46-47; Fellow '47-49: Associate Professor, Museum of Paleontology, University of Michigan, Ann Arbor, Michigan, or 1941 Geddes Avenue. A daughter, Elizabeth Amelia (Betsy) was born June 3, 1958.

KIDDA, MICHAEL L., (BS '49 Millsaps); MS '53; Asst. '49-50: Geologist, Murphy Corp., 1400 Beck Bldg., Shreveport, Louisiana, or 4509 N. Fairway.

KILIAN, HARRY S., AB '30, MS '32; Asst. '30-32: Consulting geologist, 2130 Commerce Building, Houston 2, Texas, or 3822 Wickersham Lane, Houston 19.

KILLINGER, DURWARD W., BS '49: Research Representative, Rand McNally & Company, 508 Oneida Street, Joliet, Illinois.

KINSEY, HALLADY M., ex '26: 6638 Vermont Avenue, St. Louis 11, Missouri.

KITE, ROBERT L., (BS '50 Kansas; MS New Zealand); Asst. '50: Research Geologist, Humble Oil & Refining Company, 102D Humble Building, Houston, Texas, or 4115 McDermed, Houston 25.

KNIPE, RALPH E., AB '27, MS '29; Asst. '27-29: Division Geologist, The Ohio Oil Company, Box 120, Casper, Wyoming.

KNODLE, ROBERT D., BS '47, MS '48: For the last several years Bob has been assistant executive secretary of the National Water Well Association, Urbana. In July 1958 he accepted a position with the Rock Drill Division, Ingersoll-Rand Company, 11 Broadway, New York 4, New York. He will be in charge of developing new water well drilling equipment for the company. He and Mrs. Knodle have 3 children, Jane 14, Loring 9 and Robert Jr. 5.

KNOLL, GEORGE C., JR., BS '49; (BS '52 Arizona, Mining Eng.): President, Plywood Super Mart, 701 S. Broadway, Denver, Colorado.

KNUDSEN, MRS. LOUIE (Elaine Zworykin, AB '48): 1674 No. 118th Street, Wauwatosa 13, Wisconsin.

KOCHINSKI, DONALD C., BS '53: Benld, Illinois.

KOENIG, KARL J., BS '41; MS '46, Ph.D. '49; Asst. '45-48; Fellow '48-49: Associate Professor, Texas A. & M. College, College Station, Texas.

KOKOSKA, MILTON FRANK, BA '39; Asst. '42:

KRAGE, JOSEPH, AB '47: 2438 N. Oak Park Ave., Chicago 35, Illinois.

KRATZ, MRS. PAUL (Muriel Broadway) Office '48-51: 2441 State, Granite City, Ill.

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KRETSCH, DONALD Lee, (AB '52 Augustana); Asst. '52-53; (MA '55 Mo.):

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LOVE, WILLIAM WRAY, AB '28; MS '29; Ph.D. '35: Director of Research, Dowell Incorporated, PO Box 536, Tulsa, Oklahoma.

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LYNCH, BERNARD W., BS '47, MS '48: Stratigraphic Section, Carter Oil Company, Oklahoma City, Oklahoma, or 3856 NW 32nd, Oklahoma City 12, Oklahoma. Their 3rd child, second daughter, Glenna Marie, was born July 16, 1957.

LYNCH, THOMAS W., BS '55; MS '58: 47 Lakeside, Urbana, Illinois. Tom is in The College of Law, UI.

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MYERS, ROBERT E., (BS '53 DePauw); MS '55; Asst. '53-55: Geologist, Preston Oil Company, Lafayette, Louisiana.

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OFTEDAHL, CHRISTOFFER, Visiting Assistant Professor, '50-51: Norges Geologiske, Undersokelse, Josefinesgate 34, Oslo, Norway. Dr. Oftedahl will lead one of the excursions for the 1960 International Geological Congress.

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PATTERSON, BEN A., (BS '53 Monmouth); MS '57; Asst. '53-55: Rt. 1, Alexis, Ill.

PATTERSON, DALE D., BS '55, MS '56; Asst. '55-56: Socony Mobil, Apt. 246, Caracas, Venezuela.

PATTERSON, MRS. JACQUELINE W., (AB '48 Cornell Coll.); MS '51; Asst. '49-51: 8003 S. Clarinda, Rivera, Calif.

PATTERSON, SAM H., JR., (BA '40 Coe Coll.; MS '47 St. U. of Iowa); Ph.D. '55: Geologist, USGS, Agricultural Research Center, Beltsville, Md., or 2813 Harrison Ave., Silver Springs, Md.

PATTON, HOWARD L., BS '46, MS '48; Asst. '46-48: Development Geologist, The California Company, Box 780, Denver, Colorado, or 3690 S. Glencoe, Denver. Pat has had 10 years with the California Company.

PATZER, ROGER J., BS '52: 3935 N. Richmond, Chicago 18, Illinois.

PEACE, FRANK S., BS '49: Geologist, Utah Southern Oil Co., 901 Utah Oil Bldg., Salt Lake City, Utah.

PEARCE, DWIGHT, AB '23: Vice President, The Lake County Agency, Inc., 201 Calumet Bldg., Hammond, Indiana.

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PENN, JAMES W., (BS '48 Marietta); Asst. '48-49: Gulf Oil Company, 3080 S. Grape Way, Denver 22, Colorado.

PENNINGTON, DON R., BS '56: 17 S. Spruce, Pana, Illinois. Entered Army 2-1957.

PEPPERS, RUSSEL A., BS '57; Asst. S'57; Fellow '57-58: UI Graduate Student.

PERVINSEK, ROBERT J., BS '51: 205 Quarry, Staunton, Illinois.

PETERSON, JOHN E., BS '51: 530 S. Washington, Paxton, Illinois.

PETSOFF, GEORGE J., BS '42: District Geophysicist, Forest Oil Corp., 1610 Denver Club Bldg., Denver, Colorado.

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PIERARD, LOUIS H., (BS '50 DePauw); UI Grad. Stu. '50-51: 1605 W. White, Champaign, Illinois. He is geologist for Soil Conservation Service.

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PILAC, JUAN E., (BS '53 U. Philippines); UI Grad. Stu. '56-57: c/o Philippine Bureau of Mines, Manila, Philippines.

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PLAIN, MRS. JOHN (Ruth Roselle, BS '34): 555 Downer Place, Aurora, Illinois.

PLEBUCH, RAYMOND O., (BS '55 Macalester); MS '57: USGS, Ground Water Branch, 217 Main Street, Little Rock, Arkansas, or 505 West "F" St., Park Hill, North Little Rock, Arkansas.

POHLO, ROSS H., BS '54: Department of Geology, University of Arkansas, Box 1432, Fayetteville, Arkansas.

POHN, HOWARD A., BS '57; UI Grad. Stu. '57-58: 1065 Hohlfelder Drive, Glencoe, Illinois. Plans to attend graduate school in California this fall.

POLK, DONALD J. K., BS '34; Asst. '34-35: Coordinator, Crude Oil Supply and Transportation, Esso Standard Oil Co. of New Jersey, Box 1728, Shreveport, La.

POOR, RUSSELL S., BS '23, MS '25, Ph.D. '27; Asst. '23-26: Provost, University of Florida, Gainesville, Florida, or 111 NW 26th Street.

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PORTER, JOHN S., (BS '53 Kansas); MS '54; Calif. Fellow, '53-54: Geologist, The California Company, PO Box 2606, West Jackson, Mississippi. John is working in Geophysics Department as observer on seismograph crew. A daughter, Julie Jeanne was born Dec. 7, 1957.

POSTELS, ROBERT, BS '58: 1533 Hawthorn Place, Deerfield, Illinois.

POTSCH, JOHN P., BS '38: Geologist-Producer, Box 244, Mattoon, Illinois.

POWERS, RICHARD J., BS '56, MS '57: 1207 W. Oregon, Urbana, Illinois. Dick spent 3 months in the Navy, spring 1958. He and Lillian Weakley were married June 9, 1957.

POWERS, ROGER A., BS '53:

PRESCHER, WILLIAM F., BS '42: Senior Geologist, Sun Oil Company, PO Box 1732, Casper, Wyoming, or 3024 Nob Hill Drive.

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PRESTON, ARTHUR F., BS '53: Kewanee Oil Company, RR 1, Norris City, Ill.

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PULLEN, M. WILLIAM, JR. (AB '38 Colgate; MS '40 Syracuse); Ph.D. '50; Asst. '40-42: Associate Professor, Department of Geology, Purdue University, Lafayette, Indiana.

QUINN, HOWARD E., (Ph.D. '32 Harvard); Asst. '21: Head, Department of Geology, Texas Western College, El Paso, Texas.

QUIRKE, DOROTHY, BS '42: (See: Mrs. R. B. Reedy).

QUIRKE, TERENCE T., JR., BS '51; (MS '53, Ph.D. '58 Minnesota). Department of Geology, University of North Dakota, Grand Forks, North Dakota. Terry and Ruth Mary Carter of Winnipeg, Canada, were married January 18, 1958.

RADEMACHER, LOUIS E., BS '32; MA '34, Education: Teacher, 417 W. Tremont, Hillsboro, Illinois.

RAISH, HENRY G., AB '31: Senior Staff Geologist, Pan American Petroleum Corporation, Box 1410, Fort Worth, Texas.

RALL, RAYMOND W., BS '50, MS '51: Area Stratigrapher, Pure Oil Company, Box 671, Midland, Texas. The Rall's exhaustive treatment of the subsurface Pennsylvanian geology of an area in Texas was published in the April AAPG Bulletin.

RALL, MRS. RAYMOND W. (Elizabeth Pretzer, BS '43 Brown; MS '46 Columbia); Ph.D. '56; Asst. '49: 1209 W. Michigan, Midland, Texas.

RALSTON, ROY B., (BS '40 Cornell Coll.); Grad. Stu. '40-41: Division Manager, Phillips Petroleum Company, PO Box 545, Evansville, Indiana.

RAMBERG, DONALD R., BS '57: Jr. Exploitation Engineer, Shell Oil Company, Technical Services Division, 3737 Bellaire Blvd., Houston, Texas.

RANDALL, ALLAN D., (BS '53 Conn.); MS '55; Asst. '53-54: Geologist, USGS, Ground-Water Branch, Room 201 PO Bldg., Middletown, Conn. Allan and Edwina Annette Sutherland were married July 5, 1958, in Plymouth, New Hampshire.

RAPP, RICHARD K., BS '49: 1553 Riverside, Glendale, California.

RASMUSSEN, DOROTHY L., BS '46: (See: Mrs. John C. Lawless).

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REESE, DALE O., BS '56: Assistant, Department of Geology, The University of Kansas, Lawrence, Kansas.

REGORZ, PAUL J., BS '53; (MS '57 UCLA): Department of Geology, Univ. of Calif. at Los Angeles, 10954 Ophir Drive, Los Angeles 24, Calif.

REID, COURTLAND T., BS '40, MS '41, (Geography): Geographer, National Park Service, Region One Office, Richmond, Va., or 4324 Old Brook Road, Richmond 20, Va.

RENO, DARRELL H., BS '42; LLB '48: Lawyer, 310 Sterry Building, Pontiac, Ill.

REYNOLDS, ROBERT R., (BS '39 Chicago); MS '42:

RHODES, FRANK H. T., Post-doctoral Fellow '50; Visiting Lecturer, S. '51, '52, '54; Asst. Prof. '54-55; Assoc. Prof. '55-56: Professor and Head, Department of Geology, Singleton Park, University College, Swansea, Wales, or 2 Devon Terrace, Uplands, Swansea, Wales. At the Geological Society of London, 1957, Doctor Rhodes was presented a moiety of the Balance of the Proceeds of the LYELL GEOLOGICAL FUND by the President of the Society. He said, and I quote "A distinguished student of Birmingham University, Professor Rhodes early decided to study the conodonts, a group of micro-fossils which has hitherto been largely neglected by British palaeontologists. The result was the first comprehensive systematic and stratigraphic review of British Lower Palaeozoic conodont faunas, published in the 'Philosophical Transactions of the Royal Society' in 1953.... The work has been extended by researches on the conodont faunas of the United States carried out during a term first as Research Fellow and later as Associate Professor at the University of Illinois." Professor Rhodes will return to us at Illinois to help in field camp during the summer of 1959. We hope also he will be visiting professor in a year or two.

RHODES, MARTIN M., BS '49: RR 2, Box 152, Largo, Florida. Mr. Rhodes has been with Phillips Petroleum Company in Rawlins, Wyoming.

RICE, MRS. CHARLES L. (Mary Hill, BS '44 Colorado); Grad. Stu. '45-46: Asst. Mining Geologist, California State Division of Mines, Ferry Bldg., San Francisco 11, California, or 40 Lee St., Mill Valley, Calif.

RICE, VILAS C., BS '41: Attorney, Box 81, Carthage, Illinois.

RICHART, JOHN M., BS '57: Geologist, The Pure Oil Company, 120 N. Lincoln St., Olney, Illinois.

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RIDER, OSBORNE L., JR., BS '49: Phoenix, Maryland.

RIMSNIDER, DONALD O., BS '56: Hinckley, Illinois. During summer of 1958 worked for The California Company in Grand Junction, Colorado.

RIOUX, ROBERT L., (BA '53 N.H.); MS '55; Ph.D. '58; Fellow '53-54; Asst. '54-55; Shell Fellow '55-56: Geologist, USGS, Bldg. 25, Min. Class. Con. Div., Denver Federal Center, Denver, Colorado.

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ROBERTS, CARROLL N., (AB '41 DePauw); Asst. '41: U.S. Bureau of Mines, Special Minerals Branch, Bluemont, Virginia.

ROBERTSON, DONELSON A., (BS '49 Centenary); MS '51; Asst. '49-51: Geologist, Shell Oil Company, Baton Rouge, La., or 2244 Ebony Drive. Bonnie Anne was born May 19, 1957 two weeks before they were transferred to Baton Rouge.

ROGERS, MRS. MICHAEL H., (Margaret Jennifer Lucas, BA '54 Oxford) MS '55, Ph.D. '57; UI Fellow '54, '55, '56.

ROGERS, ROBERT E., BS '43, MS '48; Asst. '46-47: District geologist, Skelly Oil Company, Box 1683, Shreveport, La., or 1309 Hassett St.

ROLFE, MARTHA DEETTE, BS 1900, AM '04; Staff '21-22: 506 W. Florida Ave., Urbana, Illinois. Miss Rolfe has given the department some of the instruments used by her father, the late Professor C. W. Rolfe. They will be given careful use and preserved for their historical importance.

ROLLEY, MRS. JOHN W. (Mary E. Barnes, BS '42 Ky.); MS '48: 14355 Anola, Whittier, Calif.

ROSELLE, RUTH, BS '34: (See: Mrs. John Plain).

ROSS, CLARENCE S., AB '13, AM '15, Ph.D. '20: Geologist, USGS, Washington 25, D. C., or 7133 Maple Avenue, Takoma Park, Md.

ROSS, LORENA, BS '46: (See: Mrs. Bertie Holmin).

ROTH, ROBERT S., (BA '47 Coe Coll.); MS '50, Ph.D. '51; Asst. '48-49; Nat. Lead Fellow '49-51: Solid State Physicist, National Bureau of Standards, Div. 9.3, Washington 25, D. C. In addition to his research, Bob is also teaching a course in X-ray diffraction in the NBS graduate school. Gail Ellen was born April 8, 1957.

ROTTER, HAROLD A., BS '48; (MS '56 Okla.): Box 2061 Blvd. Sta., Norman, Oklahoma.

ROUGE, P. E., Institut Francais du Petrole, Boite Postale No. 18, Rueil-Malmaison (S.&O.), France. Mr. Rouge spent the year '55-56 with Doctor Grim working in clay mineralogy.

ROY, SHARAT K., AB '22, MS '24; (Ph.D. '41 Chicago): Chief Curator of Geology, Chicago Natural History Museum, Chicago 5, Illinois.

RUBLE, CHARLES L., BS '57: Geologist, Pan American Petroleum Corp., Box 268, 1628 19th St., Lubbock, Texas.

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SANTOS-YNIGO, LUIS M., (BS, EM Mapua Inst. Tech., Manila '38); MS '39, Eng.: Geologist, Geol. Survey Division, Philippines Bu. Mines, Cebu City, Philippines.

SAVAGE, JAMES A., BS '50: 9828th TSU CE, Eng. Center, Fort Belvoir, Virginia.

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SCHENCK, BARBARA JANE, (BS '51 Bates; MS '53 Smith); Ph.D '55: (See: Mrs. Lorence Gene Collins).

SCHMIDT, ERNEST F., BS '33: Director of Camping, Schiff Scout Reservation, Boy Scouts of America, Mendham, New Jersey.

SCHMITT, HARRISON A., (AB '21, MS '22, Ph.D. '26 Minnesota); Asst. '22-25: Consulting Mining Geologist and Engineer, Cottage San Road, Silver City, New Mexico.

SCHNEIDER, MICHAEL C., (AB Cornell Coll. '52; MS Miami Univ. '56); Asst. '55-58: Instructor, DePauw University, Greencastle, Indiana.

SCHNURR, PAUL, BS '51: Onarga, Illinois.

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SCHROEDER, DEAN H., BS '50: Partner, Waehtman Drilling Company, 402 1st Nat. Bank Bldg., Pawhuska, Oklahoma.

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SCHROTT, PAULINE H., BS '58; UI Grad. Stu. '58: 1543 - 34th Avenue, SW, Calgary, Alberta, Canada. Pauline is working for a consultant in Calgary.

SCHROTT, ROBERT O., BS '54: Department of Geology, University of Nebraska, Lincoln, Nebraska.

SCHUBERT, RAYMOND D., BS '50: Geophysicist, Dawson Geophysical Company, Box 2102, Midland, Texas, or 2205 W. Shell Street.

SCHULTZ, JOHN R., BA '31; (MS '33 Northwestern; Ph.D. '37 Cal. Tech.): Geologist, Harza Engineering Company, 400 West Madison St., Chicago, Illinois.

SCHULTZ, LEONARD G., (BA '50 Cal. Tech.); MS '52, Ph.D. '54; Asst. '50-52; Ill. Clay Fellow, '52-54: Geologist, USGS, Mineral Deposits Branch, Beltsville, Md., or Highbridge, Bowie, Md.

SCHULTZ, MRS. LEONARD G., (Hildreth Newell, BS '52 Wooster); MS '54, Asst. '52-54: Geologist, W.A.E., USGS, Geochemistry & Petrology Branch, Highbridge, Bowie, Md.

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SCOTT, ALAN J., BS '55, Honors; Ph.D. '58: Assistant Professor, Department of Geology, University of Texas, Austin, Texas.

SCOTT, HAROLD W., AB '29, AM '31; (Ph.D. '34 Chicago); Staff, '37-present.

SCOTT, ROBERT B., (BS '49 Redlands); MS '51; Asst. '49-51: Geologist, Signal Oil and Gas Co., 354 Haberfelde Bldg., Bakersfield, California, or 4607 Randy Ave.

SEAMAN, JEANNE, BS '43: (See: Mrs. Larry Farnum).

SEED, MANICE, AB '25:

SEIBERT, LEOLA MAE, BS '44: (See: Mrs. Earl Cockrum).

SESTAK, ANDREW A., BS '50, MS '52: Review Geophysicist, The California Company, PO Box 2606, W. Jackson, Miss.

SEWELL, MRS. JAMES C. (Janet Hoover, BS '40): 2901 W. 4th Avenue, Corsicana, Texas. A nice long letter from Janet in February. Jim is district judge which keeps him busy; Janet keeps busy with den mother activities, Church work, and League of Women Voters as extra-curricular activities.

SHAFER, JOHN D., BS '54: Geologist, American Stratigraphic Company, 3336 Glencoe, Denver, Colorado.

SHANNON, MRS. FREDERICK A., (Ellen Jordan), AB '45, High Honors; MA '50; Asst. '48-49: Box 276, Wickenburg, Arizona.

SHARP, ROBERT P., Staff '38-44: Chairman, Div. of Geological Sciences, California Institute of Technology, Pasadena 4, California.

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SHAW, CONRAD E., BS '52: Geologist, c/o V. R. Gallagher, 124 NW 4th, Evansville, Indiana, or 1915 McConnell Ave.

SHAW, JOHN C., BS '49: Stratigrapher, Shell Oil Company, Box 2547, Billings, Montana.

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SHEPARD, FRANCIS P., Staff '22-45: Professor of Submarine Geology, University of California, Scripps Inst. of Oceanography, LaJolla, Calif., or 7831 Amalfi Drive.

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SHEPPS, VINCENT C., (BS '50 Franklin & Marshall); MS '52, Ph.D. '55; Asst. '50-55: Penn. Geological Survey, Dept. of Internal Affairs, Commonwealth of Penn., Harrisburg, Penn., or 435 W. Front St., Clearfield, Penn.

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SHERMAN, DON K., BS '58: UI Grad. Student.

SHERRILL, MARVIN G., BS '57: 570 N. 19th Street, Hamilton, Illinois.

SHORT, MRS. L. M., (Bess Thayer, BS '24): 65 E. Clarence Ave., SE, Minneapolis, Minnesota.

SHORTER, MRS. LAZARE (Joan L. Caperton, AB '35): 311 S. Marshall St., Burlington, Iowa.

SHRODE, RAYMOND S., (BS '41 Monmouth); MS '50: Industrial Geologist, Traffic Dept., Baltimore and Ohio Railroad Company, 1104 B. & O. RR Bldg., Baltimore 1, Md.

SHUMWAY, FREDERICK W., BS '18; (MS '25 New York Univ.): Jr. Sanitary Chemist, The Sanitary Dist. of Chicago, 1258 S. Michigan Avenue, Chicago, Illinois.

SIDDHANTA, SUSHIL K., (B.Sc. '37 Rajshahi Coll; M.Sc. '40 Calcutta Univ.); MS '56: Dept. of Chemistry, Indian Institute of Technology, Kharagpur, India.

SIEGERT, RUDOLF B., JR., BS '56: 604 E. 3rd St., Pana, Illinois. Ruddy is in the army as 2nd Lt. stationed at El Paso, Texas. He visited department in July. He will get out of the Army in November and plans to enter graduate school. He and Peggy Vest were married June 22, 1957. They are at present living at 1928 Happer Street, El Paso.

SILVERMAN, MAXWELL, (BS '49 Colo. Sch. Mines); MS '56; Asst. '49-51: Assistant to Superintendent of Shops, Scripps Institute of Oceanography, PO Box 109, LaJolla Calif. His job involves ship conversions.

SIMON, JACK A., AB '41, MS '46: Geologist & Head, Coal Division, Ill. State Geological Survey, Nat. Res. Bldg., Urbana, Illinois.

SIMONEIT, DANIEL J., BS '58: 1508 W. Cullerton St., Chicago, Illinois.

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SIMPSON, HOWARD E., (AB '40 N. Dak.); MS '42; (Ph.D. '52 Yale); Asst. '40-42: Geologist, Engr. Geol. Branch, USGS, Denver Federal Center, Denver, Colorado.

SIMS, DEWEY LEROY, BS '56, MS '57; Asst. '56-57: Geologist, Magnolia Oil Co., Midland, Texas, or 3203 Roosevelt.

SIMS, PAUL K., AB '40, MS '42; (Ph.D. '50 Princeton); Asst. '40-42: Geologist, USGS, Denver, Colorado, or 520 Dover, Lakewood, Colo.

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SITLER, ROBERT F., (BS '53 Pittsburgh); MS '55, Ph.D. '57; Asst. '53-57: Assistant Professor, Department of Geology, Kent State University, Kent, Ohio, or 304 S. Water Street. Susan Elizabeth was born April 30, 1957.

SKEELS, THOMAS A., BS '32: Rt. 2, Box 93, Turlock, California. Mr. Skeels, a retired teacher, visited the department in September 1957. He had been visiting a daughter in Chicago and was on his way to Connecticut to visit a son. He returned to the campus in the fall for the 25th reunion of his class. Mr. Skeels spoke of many of the staff members such as Page, Burgy, Blanchard, Shepard, Quirke and DeWolf.

SLAMA, NORMAN J., BS '57: Geologist, USGS, Topo. Div., Box 4197, Sacramento, Calif. His work has taken him to areas in Washington, Arizona and northern California. He met Cal Bromfield who was doing geologic mapping in Pedra Grossa Mts. along the Arizona-Mexico line, November 1, 1957.

SLEEMAN, LYLE H., JR., BS '58: Graduate Student, Department of Geology, Kansas State University, Manhattan, Kansas.

SLESERS, AGRIS, BS '55: 4450 N. Bernard, Chicago 25, Illinois.

SLOVINSKY, RAYMOND L., (BS '54 Ohio U.); Ph.D. '58: Research & Development Lab., Baroid Division, National Lead Co., Houston, Texas.

SMALE, GORDON R., BS '56: Graduate Student, Michigan State University, 1212 "L" University, East Lansing, Michigan.

SMITH, CLOYD M., BS '20, MS '28; Ph.D. '34; EM '35: Consulting Mining Engineer, 432 Munsey Building, Washington 4, D. C. President, World Mining Consultants, Inc. with offices in Washington and New York; consultant on raw materials to The Beryllium Corporation, Reading, Pennsylvania; and to Dominion Resources Development Co., Washington; conducts a general consulting practice.

SMITH, GUY W., BS '51, MS '53: Staff Geologist, Standard Oil Co. of Texas, PO Box 2087, Amarillo, Texas.

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SMITH, HENRY L., AB '43: Geologist, USGS, Euclid Ave. Classroom Bldg., University of Kentucky, Lexington, Ky.

SMITH, MAURICE H., BS '39, MS '41: Manager, Bismarck Branch Office, Northwest Geological Service, 2100 Broadway, Bismarck, North Dakota.

SMITH, ROBERT C., BS '42: Robert C. Smith and Associates, 16 Leland Avenue, Columbus 14, Ohio. This is a firm of consulting ground-water geologists and hydrologists concerned primarily with surveys and investigations leading to the location, development, and maintenance of water well supplies for cities, industries, and irrigators. They are also interested in mine and escavation dewatering problems.

SMITH, WILLIAM H., BS '49, Honors; MS '50; Asst. '49-50: Research Geologist, Standard Oil Co. of Calif., Salt Lake City, Utah.

SNEED, HENRY E., (BS '49, Miss. St. Coll.); MS '50; Asst. '49-50: Petroleum Geologist, Reynolds Mining Corp., Oil & Gas Division, Box 1151, Station A, Ft. Smith, Arkansas.

SNODGRASS, DONALD, (BS '50 Wooster); MS '52; Asst. '51-52: Consulting Geologist, Box 313, Salem, Illinois.

SNYDER, ROBERT D., BS '50, MS '52: Geologist, The Atlantic Regining Co., Box 871, Midland, Texas.

SOHL, NORMAN F., BS '49, MS '51, Ph.D. '54; Asst. '50-52; Instructor '53-54: Paleontologist, USGS, National Museum, Paleo-Stratigraphy Branch, Washington 25, D. C., or 2925 So. Dinwiddie, Arlington 6, Va. At the time of the GSA convention in Atlantic City last fall, Norm was in Puerto Rico on field work so missed seeing old friends, but during last year they had visits from Don Robertson and family, the Shepps, Conlins, Shaver, the Pryors, Cramer, and Silverman, to mention a few.

SOLEY, EARL L., JR., BS '50: 908 S. Crest, Wheaton, Illinois.

SOLLIDAY, BEVERLY A., BS '50: (See: Mrs. Jack Pierce).

SORKIN, JEROME H., BS '48: Assistant Highway Engineer, California Division of Highways, 396 E. Avery Street, San Bernardino, Calif.

SOVERI, URPU, Post-doctoral '54-55: TVH, E. Esplanaadink 4, Helsinki, Finland.

SOWERS, GORDON M., BS '46; Asst. '46-47: Geological Lab., Creole Pet. Corp., Jusepin, Estado Monagas, Venezuela S. A.

SPANSKI, ROBERT F., ex '48-49; (BS '50 Bradley): Geologist, Division of Waterways, 201 W. Monroe Street, Springfield, Illinois.

SPARKS, LAURA R., (BS '54 Antioch); Asst. '54: (See: Mrs. Laura S. Swartz).

SPAULDING, BERNARD B., BS '38: District Geologist, The Texas Company, PO Box 96, Jackson, Miss., or 4419 E. Ridge Drive.

SPENCER, CHARLES W., (AB '53 Colby); MS '55: Geologist, USGS, Mineral Deposits Branch, 5216 Interior Building, Washington 25, D. C.

SPOOR, HARRY C., JR., AB '26: Consultant, 2130 Commerce Building, Houston, Texas.

SPOTTI, ADLER E., BS '40; MS '41: General Manager, Powellton Coal Co., Box 98, Mallory, West Virginia.

SPOTTI, MRS. ADLER E., (Helen), Office '40-41: Box 98, Mallory, West Virginia.

SPROUSE, DONALD W., (BS '48 Marshall); MS '54; Asst. '49-50: Geologist, The Carter Oil Co., Drawer 1739, Shreveport, La.

SQUIRES, ROBERT L., BS '48: Geologist, Western Gold & Uranium, Inc., Leeds, Utah.

STAFFELD, BYRON C., JR., BS '52, (Psychology); MS '54: Exploration Geologist, The Pure Oil Company, Texas Producing Division, 312 E. Dormard, Midland, Texas.

STALLSWORTH, WILLIAM R., BS '51: Station Manager, Schlumberger Well Surveying Corp., Box 665, Woodward, Oklahoma.

STAPLIN, FRANK L., (BS '49, MA '50 Texas); Ph.D. '53; Asst. '50-52; Fellow '52: Paleobotanist, Imperial Oil, Ltd., 4607 - 37th St., SW, Calgary, Alberta, Canada.

STEENHAUSEN, JOHN R., BS '49: 214 Tamka House, Park Forest, Illinois.

STEIN, CLARKE, BS '49: Party Chief, United Geophysical Co. of Canada, 531 8th Ave. West, Calgary, Alberta, Canada.

STEINMAYER, REINHARD A., BS '16, (Engineering): Emeritus, Department of Geology, Tulane University. 123 Nicholson Avenue, Waveland, Mississippi. Professor Steinmayer retired June 1957. The Geological Alumni Society of Tulane University honored him at a dinner as a token of its appreciation for his service to the University, and his devotion to the duties and students of the Geological Department. Following the dinner a short program was held, highlighted by the presentation of the first R. A. Steinmayer Award for the outstanding graduate in Geology. The award was donated by the Tulane University Geological Alumni Society in honor of Professor Steinmayer and is to be presented each year.

STEMLER, MRS. FRED W. (Norma Wallis, BS '48); Asst. '48: Box 885, Edgewood, Md.

STEPHENS, ROBERT M., BS '48, (Min. Eng.); MS '49: Chief Petroleum Engineer, Tennessee Gas Transmission Co., PO Box 2511, Houston 1, Texas.

STEVENS, ROBERT P., BS '56: Dept. of Geology, Mo. School of Mines, Rolla, Mo., or 100 West Highway 72.

STEVENSON, WILBUR L., BS '52, MS '55; Asst. '54-55; Fellow S.'55: Exploitation Engineer, Shell Oil Company, Houston, Texas.

STEWART, HERBERT G., JR., (BS '50 Kent State U.); Asst. '50-51: Geologist, USGS, Ground Water Branch, 731 Sagamore Road, Lakeland, Florida.

STOCKTON, ROBERT J., BS '49: 216 Main Street, Woodstock, Illinois.

STOCKWELL, HARVEY L., BS '40: 4146 N. Kilbourn, Chicago, Illinois.

STONE, KENNETH A., BS '57: 1135 Jameison Road, Memphis 17, Tennessee.

STORM, HELEN M., BS '48: (See: Mrs. D. C. Bowman).

STRACHAN, ISLES, Visiting Lecturer, '57-58: Department of Geology, The University, Birmingham, England.

STREET, JAMES S., BS '58: 3711 N. Nora Avenue, Chicago 34, Illinois.

STROUSE, MARY ANN, (AB '52 Wooster); MS '53; Fellow '52-53: (See: Mrs. Robert E. Fox).

STUTE, RICHARD W., BS '50: Varna, Illinois.

SUMMERSON, CHARLES H., BS '38, Honors; MS '40, Ph.D. '42; Asst. '38-42: Assistant Professor, Department of Geology, Ohio State University, Columbus 10, Ohio.

SURRATT, ROBERT A., BS '50: 1609 Dial Court, Springfield, Illinois.

SUSONG, BRUCE I., (AB '54 Miami Univ.); MS '55; Calif. Fellow '54-55: Geologist, The California Company, Natchez, Mississippi.

SUTTON, ARLE H., Staff '27-46: Chief Geologist, Mining Division, Aluminum Co. of America, 1501 Alcoa Building, Pittsburgh 19, Pa.

SUTTON, DONALD G., BS '34; (MS '36 Washington U.): Geologist, Sun Oil Co., PO Box 717, Evansville, Indiana.

SUTTON, MRS. MYRON D., (Elizabeth Ann Livesay, BA '41, MS '45; Scholar '44-45; Asst. '45-46): 219 Lafayette Drive, Alexandria, Va.

SVOBODA, IRWIN L., BS '50: Salesman, United Shoe Machine Corp., 2224 So. East Ave., Berwyn, Illinois.

SWARTZ, MRS. LAURA S., (Laura Sparks, BS '54 Antioch); Asst. '54-55: Assistant to Curator of Invertebrate Paleontology, Museum of Comparative Zoology, Harvard University, Cambridge 38, Mass.

SWEENEY, MRS. EDWARD C., (Catherine Hauberg, BS '36): 3300 Nebraska Ave., NW, Washington, D. C.

SWETT, EARL R., JR., BS '57: Assistant, Department of Geology, Kansas State College, Manhattan, Kansas.

TAFT, WILLIAM W., BS '48: Assistant Provision Manager, Marhoefer Packing Co., Inc., 3610 Clover Lane, Muncie, Indiana.

TANNACI, MRS. NICHOLAS (Muriel C. Janicki, AB '42): 2122 S. Mountain, Duarte, California.

TAYLOR, EARLE F., (AB '35, MS '36 Iowa); Grad. Stu. '37-39; '42: President, Geological Consulting Firm, T.U.L.M. Corp., 2206 Commerce Building, Houston 2, Texas.

TAYLOR, GEORGE E., AB '26: Consulting Geologist, 956 St. James Blvd., Evansville 14, Indiana.

TAYLOR, WARREN L., (BS '47 Kansas St. Coll.); MS '49; Asst. '49: Chief Geologist, El Paso Natural Gas Co., Box 1492, El Paso, Texas. Warren joined El Paso in 1949 and headed the company's gas engineering section at Jal, New Mexico. He was transferred to Salt Lake City in 1953 and was division superintendent there when named to his new position.

TEETOR, BETTIE L., BS '42: (See: Mrs. Mortimer Andron).

TERRY, ROBERT I., JR., BS '47: Consultant, McClain, Burke & Terry, 426 Wilson Bldg., Corpus Christi, Texas.

TESCH, WILLARD J., JR., BS '49: Mining Engineer, U.S. Bureau of Mines, 2018 So. Zenobia, Denver 19, Colorado.

THARIN, JAMES COTTER, (BS '58 St. Joseph's); MS '58; Asst. '56--. This summer he is working on his Ph.D. thesis in Alberta.

THOMAS, JOHN E., BS '51: Field Geologist, Carl A. Bays & Assoc., Inc., PO Box 65, Urbana, Illinois.

THOMPSON, CARYL JEAN, BS '44: (See: Mrs. Wm. Eric Juhre).

THOMPSON, HUGH R., (BA '50 Oxford); MS '52, (Geography); (MA '54 Oxford; Ph.D. '54 McGill): Lecturer in Geography, McMaster University, Hamilton, Ontario, Canada. Hugh and Lorna Isabel Proctor were married July 13, 1957.

THREET, JACK C., AB '51; Fellow '51: Subsurface Geologist, Shell Oil Company, 850 First Nat'l Bank Bldg., Oklahoma City, Oklahoma, or 2617 Huntleigh Drive.

THREET, RICHARD L., BS '47 (Chem.); AB '47, AM '49; (Ph.D. '52 Washington); Asst. '47-49: Assistant Professor, University of Utah, Salt Lake City, Utah, or 3397 So. 3175 E. They extend an invitation for a visit to any Illinois alumni passing thru Salt Lake City.

THURSTON, A. W., BS '22: Sugar Load Route, Boulder, Colorado.

TIEDEMAN, DONALD L., BS '58: Ens. in USN, USS Walworth County (Lst.-1164), c/o Fleet Post Office, New York, N. Y.

TIEH, THOMAS T., BS '58. Scholar, Stanford University, California.

TISZA, STEPHEN T., BS '56, MS '58: Geologist, Pan American Petroleum Corp., Box 266, New Orleans, La., or 1433 Toledano.

TITUS, FRANK B., JR., (BS '52 Redlands); Grad. Stu. '52-54: Geologist, USGS, Ground-Water Branch, Box 302, University Station, Albuquerque, New Mexico, or 213A Columbia SE. Gregory Brandon was born September 16, 1957.

TITUS, LOIS ELAINE, AB '45: (See: Mrs. Erle Sanborn Huse).

TOLER, HENRY N., (BS '26 La. St. U.); MS '29; Asst. '25-27: Consulting Geologist, 1401 Deposit Guaranty Bank Bldg., Jackson 1, Miss.

TOM, CHARLES W., BS '49: Geologist, US Atomic Energy Com., Fry Canyon, Blanding, Utah.

TOM, GENE F., BS '46, MS '50: Corona, New Mexico.

TOMLINSON, CHARLES W., (BA '13, MA '14 Wisc.; Ph.D. '16 Chicago); Assoc. '17-18: 510 Little Building, Ardmore, Oklahoma.

TOOKER, EDWIN W., (BS '47 Bates, MS '49 Lehigh); Ph.D. '52; Asst. '49-51; Ill. Clay Fellow '51-52; Nat. Sci. Post-Doctoral, '52-53: Geologist, USGS, 4 Homewood Place, Menlo Park, California, or 2951 Bryant St., Palo Alto, Calif.

TOVEY, HENRY A., BS '48: Asst. Engr., Neff Cons. Prod. Co., Danville, Illinois, or 307 Ohio Avenue, Westville, Ill.

TRANTER, CHARLES E., JR., (AB '52 Augustana); MS '54; Asst. '52-54: Geologist, Mobile Producing Co., PO Bos 78, Worland, Wyoming, or 1310 Charles. William Michael was born summer 1957.

TREFETHEN, JOSEPH M., (AB '31 Colby); MS '32; (Ph.D. '35 Wisc.): State Geologist of Maine, and Professor of Geology, University of Maine, Orono, Maine.

TRUEBLOOD, SHIRLEY JANE, BS '56: (See: Mrs. John Bukovcan).

TUCK, LEWIS L., BS '40; (MS '41 Texas): Vice President, Will I. Lewis Drilling Co., 425 Continental Oil Building, Denver, Colorado.

TURTLE, EDITH GRACE, (BS '47 Manitoba); Grad. Stu. '47-48: Jr. Research Chemist, Portland Cement Assoc., 5420 Harrison Street, Skokie, Illinois, or 312 S. Blvd., Evanston, Illinois.

UNFER, LOUIS, JR., BS '48; (MA '51 Wyoming): Southeast Missouri State College, Cape Girardeau, Mo., or 324 N. Ellis.

UPCHURCH, GORDON D., BS '56: 405 Buchanan Street, Benton, Illinois. On leave from Pan American for Army duty.

UPTON, RICHARD A., BS '51: Geologist, Carter Oil Co., Denver, Colorado.

URASH, ROBERT N. M., BS '45, Engineering, Grad. Stu. '45-46: Carl A. Bays & Assoc., Inc., 308 N. Orchard, Urbana, Illinois.

URBANO, ROBERT F., BS '46: 85 Spring Street, Williamstown, Mass.

UTTERBACK, DONALD D., AB '30, MS '32, Ph.D. '36; Asst. '30-34: Vice President, Freeport Oil Company, PO Box 1520, New Orleans 5, La.

VACTOR, HOWARD S., AB '48: 15810 Van Aken Blvd., Shaker Heights 20, Ohio.

VAN DEN BERG, JACOB, (BS '52 Ark.); MS '56; Fellow '52-53: Assistant Geologist, State Geological Survey, Nat. Res. Bldg., Urbana, Illinois, or 1205 W. Eureka Street, Champaign.

VAN DYKE, LINDELL H., BS '47, MS '48; Asst. '47-48: District Geologist, Shell Oil Company, Box 845, Roswell, New Mexico.

VAN HORN, CLIFFORD L., (BA '52 Berea); MS '56; Asst. '54-56: Geologist, The Pure Oil Company, PO Box 311, Olney, Illinois.

VAN MALE, WARREN C., BS '34: 2102 Eshcol, Zion, Illinois.

VAN SICLEN, DE WITT C., (AB '40 Princeton); MS '41; (MA '47, Ph.D. '51 Princeton); Asst. '40-41: Research Geologist, Pan American Petroleum Corp., PO Box 3092, Houston, Texas.

VAN TUYL, FRANCIS M., (BA '11, MS '12 Iowa; Ph.D. '15 Columbia); Instructor, '15-17: Prof. Emeritus, Colorado School of Mines. Consulting Geologist, Brainerd & Van Tuyl, Empire Building, Denver, Colorado, or 1207 - 16th St., Golden, Colo.

VERA, ELPIDIO DE LA CRUZ, (BS U. Philippines); MS '53: 1050 Maria Cristina, Philippine Bureau of Mines, Sampaloc, Manila, P.I.

VERCELLINO, JOSEPH, BS '47: c/o Petrobras, Caixa Postal # 240, Maceio, Alagoas, Brazil, South America.

VERCELLINO, JOHN B., BS '56: Jr. Geologist, Offshore Production, Humble Oil and Refining Co., Box 100, Grand Isle, La.

VERNET, JEAN-PIERRE, (Ph.D. Lausanne Univ.); Post-doctoral Fellow, UI, '57-58: 15 Sablon, Morges (Vard), Switzerland.

VIERLING, PHILIP E., BS '58: 4824 W. Belden Ave., Chicago 39, Illinois.

VINEYARD, WILLIAM L., BS '49, MS '50: The Texas Company, PO Box 2332, Houston 1, Texas.

VORIS, RICHARD H., (BS '50 Augustana); MS '52: Geologist, The Carter Oil Company, Box 449, Ardmore, Oklahoma.

WAFER, JAMES O., BS '54, MS '55: Geologist, Continental Oil Co., Box 1266, OCS, Lafayette, La. James visited us May 28 while on vacation at his home in Greenville, Ill.

WAGGONER, MRS. BEULAH M., BS '48: Rare Earths, Inc., Box 121, McCall, Idaho.

WAGNER, OSCAR E., JR., AB '28, AM '29, Ph.D. '32; Asst. '28-32: Geologist, Service Drilling Co., 515 Kennedy Bldg., Tulsa, Oklahoma, or 5314 E. 13th St. Mr. Wagner, his wife and 2 daughters visited us last summer.

WAHL, FLOYD MICHAEL, (AB '53 DePauw); MS '57, Ph.D. '58; Asst. '55-57; Ill. Clay Fellow '57-58. Mike will complete the requirements for the Ph.D. in October and has accepted appointment in the department as Instructor starting September 1. He will take over the undergraduate mineralogy course of Doctor Henderson who will be in Great Britain this year.

WAINWRIGHT, JOHN E. N. (BS '56 Dayton); MS '57; Asst. '56-57; UI Fellow '57-58; Shell Fellow 58-59, Graduate student in the department.

WALCHER, MRS. C. A., (Florence Cochran, AB '20): 1107 So. 4th Ave., Maywood, Ill.

WALCHER, WAYNE E., (BS '39 Wichita U.); MS '41: 809 Central Bldg., Wichita 2, Kan.

WALDO, ALLEN W., BA '27, MS '28; (Ph.D. '34 Harvard): Dean of Students, Stockton College, Stockton 27, Calif., or 3301 Kensington.

WALK, HUGH G., BA '41, MS '48: Geologist, The Texas Co., Box 2332, Houston 1, Texas.

WALKER, MARVIN, BS '51: Consulting Geologist, Box 546, Olney, Illinois.

WALLACE, WILLIAM H., BS '48: Arcola, Illinois.

WALLIS, NORMA, BS '48; Asst. '48: (See: Mrs. Fred M. Stemler).

WALTER, ADOLPH W., BA '43: President, A. W. Walter, Jr. & Co., Inc., 625 S. Main Street, Anna, Illinois.

WALTERS, MATHAIS J., (BS '53 St. Joseph's); MS '58: Geologist, Continental Oil Company, Ponca City, Oklahoma. Walt and Jeanette Grace Thornburgh of Mansfield were married October 26, 1957.

WASKELO, MATTHEW J., BA '41: Realtor-Builder, M. J. Waskelo Realtor-Builder Co., 137 Pulaski Road, Calumet City, Ill., or 913 Wentworth Avenue.

WATKINS, BYRON K., BS '49: 311 Grant Avenue, Findlay, Ill.

WATSON, ROBERT, JR., BS '49: 35 East 1st Street, Hinsdale, Illinois.

WEART, RICHARD C., (BA '43 Cornell Coll.; MS '48 Syracuse); Ph.D. '50; Asst. '48-49; Shell Fellow '49-50: Assistant Manager, Geological Research, Sun Oil Co., 503 N. Central Expressway, Richardson, Texas.

WEBER, CARLETON W., BS '57: 51 Timon Street, Buffalo, New York.

WEEKS, WILFORD F., BS '51, MS '53; (Ph.D. '56 Chicago); Fellow '51-52: Asst. Professor of Geochemistry, Department of Geology, Washington University, St. Louis 5, Missouri, or 34 Faculty Lane. Doctor Weeks was one of the lecturers at the Summer Institute in Geology this past summer. Ellen Jean born Aug. 30, 1957.

WEHRENBERG, JOHN P., (BS '50 Mo. Sch. Mines); MS '52, Ph.D. '56; Asst. '50-53; Nat. Sci. Fellow '53-54: Assistant Professor, Department of Geology, Montana University, Missoula, Montana, or 438 McLead. Jack tells us that he has a new X-ray unit and he is giving a couple of quarters of X-ray analysis and X-ray crystallography. They have 6 permanent staff members and an increasing number of graduate students.

WEIDNER, MELVIN I., BS '55: Department of Geology, University of Arizona, Tucson, Arizona, or 2734 E. 6th Street.

WEILL, DANIEL F., (BA '56 Cornell Univ.); MS '58; Asst. '56-58: Department of Geology, University of California, Berkeley, California. Dan will work for the Ph.D. at UC.

WEINBERG, EDGAR L., BS '47, MS '48; Asst. '47-48: Resident Geologist, The New Jersey Zinc Co., PO Box 67, Mineral, Va.

WELGE, EDWIN A., BS '52: Geologist, Standard Oil Co. of California, Bakersfield, California. Hans Peter Andrew was born May 9, 1957.

WERTMAN, RONALD L., (BA '56 Lehigh); MS '58; Asst. '56-57 1/2: 121 Center Street, Lehigh, Pa.

WESTERBEEK, BETTY JEAN, ex '41: (See: Mrs. Frederick Wurtzell).

WHITE, HAROLD R., BS '47, MS '48; Asst. '48: Geologist & Manager, Milner-White Oil Company, PO Box 1346, Jackson, Miss., or 2017 Southwood Road.

WHITE, WILLIAM A., BS '40, MS '47; Ph.D. '55: Geologist, Ill. State Geol. Survey, Nat. Res. Bldg., Urbana, Ill. In February Art attended a joint meeting of the Chicago section of the American Ceramic Society and the Ceramic Industry Magazine at the Chicago Engineers Club. Seven experts in the field directed audience participation panel on "Ceramics -- New in '57, Horizons in '58".

WHITESIDE, ELDON L., BS '57: RR 1, Coal Valley, Illinois.

WHITING, LESTER L., (BA '32 Wisc.); MS '58: Associate geologist, State Geological Survey, Nat. Res. Bldg., Urbana, Illinois.

WICKSTROM, THOMAS S., BS '49: Underwriter, State Farm Automobile Ins. Co., Elm Avenue, Glen Riddle, Pa.

WIDENER, MARY LOUISE, BS '47: (See: Mrs. W. E. McCommons).

WILKERSON, ALBERT S., (AB '21 Cincinnati; AM '22 Wisc.; Ph.D. '38 Mich); Asst. '23-24: Associate Professor, Department of Geology, Rutgers University, New Brunswick, New Jersey.

WILLIAMS, EUGENE G., (BS '50 Lehigh); MS '52; Asst. '50-52; (Ph.D. '57 Penn State): Department of Geology, Pennsylvania State University, University Park, Penn.

WILLIAMS, FREDERICK E., (AB '41 Wooster); MS '51; Asst. '48-50: Geologist, Aluminum Co. of America, Box 82, Rosiclare, Illinois.

WILLIAMS, JOHN R., AB '36, MS '38: The Texas Company, Box 252, New Orleans, La. He and Mrs. Williams visited the department August 7, 1958.

WILLIAMS, MERLE E., BS '50: Consultant, PO Box 96, Mt. Vernon, Illinois.

WILLIAMSON, ALAN D., (BS '49 N. Carolina); Grad. Stu. '51-52: Ted Glass Oil Properties, Box 480, Mt. Vernon, Illinois.

WILLIAMSON, LEE F., (BS '51 So. Carolina); MS '56; Asst. '54-56: Continental Oil Co., 203 Carondelet Bldg., New Orleans 12, La., or 4854 Cerise Ave.

WILLIS, RONALD P., (BS '52, MS '53 Wyoming); Ph.D. '58; Asst. '55-57; UI Fellow '57: Richmond Exploration Co., Maracaibo, Venezuela, South America.

WILLMAN, H. BOWEN, AB '26, MA '28, Ph.D. '31; Asst. '26-28: Geologist, Stratigraphy and Areal Geology, Ill. State Geol. Survey, Nat. Res. Bldg., Urbana, Illinois.

WILLS, DONALD L., BS '49, MA '51, (Geography): Head, Dept. of Geology and Geography, Monmouth College, Monmouth, Illinois.

WILSON, CHARLES G., BS '48: Rt. 5, Muncie, Indiana.

WILSON, GENE D., (BS '50 Marshall); MS '54: Photo Geologist, The Standard Oil Co. of Texas, Houston, Texas, or 1402 Glourie Drive. Gene is chairman of Inter-Company Photogeologic Committee, 1958-59 for Standard Oil of California affiliates. Their third son, Daniel Gene was born July 13, 1957.

WILSON, GEORGE M., BS '42, MS '44: Geologist and Head, Educational Extension, State Geological Survey, Nat. Res. Bldg., Urbana, Ill.

WILSON, JOHN J., BS '56: 105 13th Ave. J, Chicago 17, Illinois.

WILSON, OWEN D., BS '58: 3523 Nordica Avenue, Chicago 34, Illinois.

WILSON, ROGER L., BS '55, MS '57; Asst. '55-56: c/o Miss Sara Wilson, 35 Barcelona Street, San Francisco, Calif.

WILSON, VIRGINIA, BS '48: (See: Mrs. Lionel Lester).

WILSON, WILLIAM W., BS '57: 705 E. Elm St., Fairbury, Illinois.

WINAR, RICHARD M., BS '53, MS '55; Asst. '53-54: Carter Oil Company, 740 Keeler Bldg., Grand Rapids, Michigan.

WINGARD, PAUL S., (BS '52, MS '55 Miami); Asst. '55-57: Instructor, Department of Geology, Kansas State College, Manhattan, Kansas. Skye Ann was born October 9, 1957.

WINKLEMAN, JAMES E., BS '53: Geologist, Tidewater Oil Co., Box 1147, OCS, Lafayette, La.

WINKLER, VIRGIL D., BS '38, Highest Honors, MS '39, Ph.D. '41; Asst. '38-39; Fellow '39-41: Creole Petroleum Corp., Apt. 889, Caracas, Venezuela, South America.

WINSLOW, JOHN D., (AB '49 Brown Univ.); Ph.D. '57; Asst. '56-57: Engineering Geologist, Indiana Geological Survey, Indiana University, Bloomington, Indiana, or 603 N. Fess Ave., Apt. A-2, Bloomington.

WISE, ROSCOE E., BS '48: District Geologist, Sun Oil Company, Box 717, Evansville, Indiana.

WITHERSPOON, PAUL A., JR., (BS '41 Pittsburgh; MS '51 Kansas); Ph.D. '57: Professor of Petroleum Engineering, University of California, Mineral Technology Division, Berkeley, California. Paul was with the Illinois Survey from 1951-57 as head of the Petroleum Engineering Division. He was outstanding in promoting the use of secondary recovery methods in Illinois for dry or failing oil wells. Doctor Witherspoon, at the 13th Southwest Regional meeting of the American Chemical Society, Tulsa, described details of laboratory tests of whether colloidal particles exist in petroleum has been resolved by subjecting crude oil to a centrifugal force of 80,000 gravities. See Petroleum Week, Dec. 6, 1957.

WOLCOTT, PHILIP P., AB '35, MS '36; Asst. '36-37: Exploration Manager, Standard Oil Company, Bordeaux, France, or ESSO Rep., 210 Cours Victor Hugo, Begles (Gironde), France.

WOLTMAN, WARREN C., BS '55: 199 Rex Blvd., Elmhurst, Illinois.

WONG, HAROLD D., BS '57: 5B Jacques Road, Windward Rd PO, Jamaica, B.W.I.

WOOD, ARTHUR, JR., AB '43: 2904 Franklin, LaCrecenta, California.

WOOD, JOHN A., BS '56: RR 2, McLeansboro, Ill.

WOOD, JOHN W., BS '52: Cartographer, USGS, Box 133, Rolla, Mo., or 909 E. 9th St. John attends the Missouri School of Mines part time, working toward a Civil Engineering degree.

WOODMENCY, COLENE R., BS '51: (See: Mrs. Robert Bauer).

WOOLEY, LINDER, BS '51: The Texas Company, Lock Box 136, Salem, Illinois.

WRATH, WILLIAM F., BS '35, MS '36; Asst. '36: 612 S. Flower Street, Los Angeles, California.

WRIGHT, ROLAND F., BS '52, MS '54; Asst. API '53: Geologist, Phillips Petroleum Company, Oil Center Station, PO Box 1641, Lafayette, La.

WRIGHT, THOMAS L., (BS '54 Lawrence Coll); MS '56: Aluminum Co. of America, Bauxite, Arkansas, or 735 Carver Lane, Menasha, Wisconsin.

WUELLNER, FRANCIS O., (REV.), BS '43: Counselor and Acting Dean of Men, and Instructor, Allemann High School, Rock Island, Illinois.

WURTZEL, MRS. FREDERICK, (Betty Jean Westerbeek, BS '41): 2140 Downey Road, Homewood, Illinois.

YARNELL, MRS. HOWARD W., (Mary E. Card, AB '38): 128 W. 9th Place, Mesa, Arizona.

YOCHEM, RONALD J., BS '57: 3258 Ann Street, Lansing, Illinois. Ronald is in the Air Force.

YOLTON, JAMES S., (AB '40 Augustana; MS '43 Utah St. Agr. Coll.); Asst. '49-50: Asst. Prof. and Chm. Dept. of Geology, Upsala College, East Orange, New Jersey.

YORK, BARBARA, BS '45: (See: Mrs. John Y. Elgin).

YOUNG, HERBERT T., BS '41: President & Director, Champa Mining Company, 1660 Lewis, Lake Wood, Colorado.

YOUNG, JACKSON S., BS '27, MS '29: Mgr. Geophysical Dept., Union Producing Co., Box 1407, Shreveport, La.

YOUNKER, RONALD A., BS '57: Freeman Trailer Court, Urbana, Illinois.

YUND, RICHARD A., BS '56, High Honors, Asst. '56-57; NSF, '57-58; NSF '58-. Graduate student in the department working under Doctor Henderson. He and Virginia Smith were married June 8, 1957. He will be working at the Geophysical Laboratory in Washington most of this year.

ZELLER, EDWARD J., AB '46; (Ph.D. '51 Wisc.): Assistant Professor, Department of Geology, University of Kansas, Lawrence, Kansas.

ZELLER, MRS. EDWARD J., (Doris Nodine, AB '46; Ph.D. '54 Wisconsin): c/o Department of Geology, University of Kansas, Lawrence, Kansas.

ZIEBELL, WALTER R., BS '43, MS '49; Asst. '46-48: Processing & Research Corp., 3071 Southwest 38th Avenue, Miami, Florida.

ZIEBELL, WARREN G., BS '51, MS '55: c/o ARAMCO, Box 2235, Dhahran, Saudi Arabia. Warren visited department April 26, 1957 while on vacation. He was to be in the country about 6 weeks. They have a new baby girl, Ingrid, born March 8, 1957 in Saudi Arabia. He planned to visit Walter, his brother, in Florida. Their parents live at Madison, Illinois.

ZIEMBA, EUGENE A., (BS '53 St. Joseph's); MS '55; Asst. '53-55: Geologist, Pan American Petroleum Corp., PO Box 238, Salt Lake City, Utah. Gene wrote that upon separation from the Army, he returned to the Salt Lake District office of Pan Am in September 1957. He spent 2 months doing surface geological mapping in southern Utah; was then transferred to the sub-surface geological section and later was made assistant geological-geophysical integrator. The Salt Lake City District and the Albuquerque District will combine to form one district whose office will be located in Farmington, New Mexico, near the Four Corners Area and the Paradox Basin.

ZINSER, ROBERT W., AB '48; (MS '50 Kansas): Sun Oil Co., Box 240, Abilene, Texas.

ZIRKLE, ROBERT G., BS '50, MS '52: Geologist, The California Company, 800 The California Company Building, New Orleans, or 802 1/2 Nashville Ave.

ZWORYKIN, ELAINE V., AB '48: (See: Mrs. Louie Knudsen).

ACKNOWLEDGMENT

This, the 10th issue of the Annual Newsletter, is a little late reaching you, but I hope it will be welcome anyway. The response from the alumni has been wonderful in keeping me informed of change of address, etc. It is gratifying when only a dozen or so are returned marked "address unknown". (1150 copies are being printed).

I enjoyed meeting many of you in St. Louis last spring at the AAPG luncheon, and am looking forward to renewing acquaintances at the GSA meeting this fall. See you in St. Louie!

Sincerely yours,

Rosa M. Nickell

Rosa M. Nickell
Secretary

A.M.

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